PUBLIC NOTICE

Sub: Request for hearing on the issue of whether parental lines (utilized for development of hybrids applied under extant variety category) should be considered as new variety or extant variety.

The above-said issue is posted for hearing on 26th March, 2012 at 11:00 a.m. before Ld. Registrar, Plant Varieties Registry, S-2, ‘A’ Block, NASC Complex, DPS Marg, New Delhi – 110 012. All the applicants who are concerned/interested with the above issue may appear and make submissions before the Ld. Registrar on the said date and time. The list of applications containing name of applicant, acknowledgement number and denomination may be forwarded to this office at the earliest.
PUBLIC NOTICE

Sub: Advertisement is given under sub-section (2) and (3) of Section 21 of the Protection of Plant Varieties and Farmers’ Rights Act, 2001 and Rules 30 and 31 of PPV & FR Rules, 2003

It is hereby advertised that the application (s) for registration of varieties listed herein have been accepted subject to the condition of fulfillment of provisions under section 19 of the Act read with Rule 29 of PPV&FR Rules, 2003. The passport data of each variety furnished by the applicant are herewith advertised as specified for calling objections from the interested persons in the matter.

The place or places where the specimen of the variety may be inspected can be obtained in writing from the Registrar of the PPV & FR Authority.

Any person may, within three months from the date of advertisement of the application(s) give notice of opposition in writing to the registration of variety (as per Form PV-3 of the First Schedule of PPV&FR Rules, 2003). Oppositions, if any, to the registration must be submitted, in triplicate, to the Registrar, PPV&FRA, NASC Complex, DPS Marg, New Delhi -110 012 accompanied with the fee of Rs.1,500/- (Rupees One Thousand and Five Hundred Only) by way of Demand Draft drawn in favour of “The Registrar, PPV & FR Authority” payable at New Delhi.
1. Application No. [E01 VM01 07 131] filed on 01/08/2007 by Dr. I.S. Halakude, Research Manager, Nirmal Seeds Private Limited, P.O. Box-63, Bhadgaon Road, Pachora-424201 on behalf of Nirmal Seeds Private Limited, P.O. Box-63, Bhadgaon Road, Pachora-424201 India for a extant (Variety of Common Knowledge) plant variety of crop Black gram (Vigna mungo (L.) Hepper.) having denomination NUL-7 (Vishwas), the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number ----NA----- on ----NA-----.

The convention application no. ----NA------, in respect of the said variety has been filed on ----NA-----, in ----NA-----Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules, 2003 is Office of the Registrar, PPV & FR Authority, New Delhi - 110 012.

Passport Data of the variety NUL-7 (Vishwas):

Applicant : Nirmal Seeds Private Limited
Address of the Applicant : Nirmal Seeds Private Limited, P.O. Box-63,
Bhadgaon Road, Pachora-424201 India
Nationality of Applicant : Indian

Application details

a. Number : [E01 VM01 07 131]
b. Date of receipt : 01/08/2007
c. Date of acceptance : 13/01/2012

Crop (Taxonomical Lineage) : Black gram (Vigna mungo (L.) Hepper.)
Denomination : NUL-7 (Vishwas)
Type of Variety : Extant (Variety of Common Knowledge)
**Classification of Variety** : Typical  
**Previously proposed denomination** : Not applicable  
**Name of Parental Material** : Parent 1: NULS-11-2  
Parent 2: NULS-86-2-1  
**Name of Reference Varieties** : TAU-1 and TPU-4

**Variety Description:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time of flowering</td>
<td>Early [Pant U 19, T 9]</td>
</tr>
<tr>
<td>Plant :Habit</td>
<td>Determinate [Pant U 19, Pant U 30, T 9]</td>
</tr>
<tr>
<td>Seed Size</td>
<td>Large [-]</td>
</tr>
<tr>
<td>Pod pubescence</td>
<td>Absent [T9, TAU-2]</td>
</tr>
<tr>
<td>Seed lusture</td>
<td>Dull [Uttara, NDU 1]</td>
</tr>
</tbody>
</table>

**B. Distinct Characteristics:**

*NUL-7 (Vishwas)* has distinguishing characters like early time of flowering, semi erect plant growth habit, absence of stem pubescent and leaf pubescence, lanceolate leaf let shape and large seed size.

**C. Reference varieties:**

1. **TAU-1**: It has distinguishing characters like medium time of flowering, spreading plant growth habit, absence of stem pubescent, prescence of leaf pubescence, ovate leaf let shape and medium seed size.

2. **TPU-4**: It has distinguishing characters like medium time of flowering, spreading plant growth habit, prescence of stem pubescent, prescence of leaf pubescence, ovate leaf let shape and medium seed size.
D. Date of commercialization of the variety

| Date of commercialization of the variety | Commercialized since 10th May 2003 |

E. Photographs: (See figure 01a, b and c)

02. Application No. E129 GH145 09 306 filed on 29/06/2009 by Mr. Santosh Attavar, Managing Director on behalf of Indo-American Hybrid Seeds(I) Pvt. Ltd., Banashankari Kengeri Link Road, 7th Kilometer, Channsandra, Post Subramanayapura, Bangalore-560 061, State-Karnataka for a Extant (Variety of Common Knowledge) plant variety of crop Tetraploid Cotton (Gossypium hirsutum L.) having denomination INDAM-1 the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number -------NA-------on -------NA-------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA--.


Passport data of the variety INDAM-1:

<table>
<thead>
<tr>
<th>Applicant</th>
<th>Indo-American Hybrid Seeds(I) Pvt. Ltd.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address of the Applicant</td>
<td>Banashankari Kengeri Link Road, 7th Kilometer, Channsandra, Post-Subramanayapura, Bangalore-560 061, State-Karnataka</td>
</tr>
<tr>
<td>Nationality of Applicant</td>
<td>Indian</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Application details</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Number</td>
<td>E129 GH145 09 306</td>
</tr>
<tr>
<td>b. Date of receipt</td>
<td>29/06/2009</td>
</tr>
<tr>
<td>c. Date of acceptance</td>
<td>20/12/2011</td>
</tr>
<tr>
<td>Crop (Taxonomical Lineage)</td>
<td>Tetraploid Cotton (Gossypium hirsutum L.)</td>
</tr>
</tbody>
</table>
**Denomination**: INDAM-1  
**Type of Variety**: Extant (Variety of Common Knowledge)  
**Classification of Variety**: Hybrid Variety  
**Previously proposed denomination**: Not applicable  
**Name of Parental Material**:  
- Parent 1: IACP-38-1-5(*G. hirsutum*)  
- Parent 2: IACP-38-1-25(*G. hirsutum*)  
**Name of Reference Varieties**: NHH-44 and DHH-11  

**Variety Description:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leaf: Shape</td>
<td>Palmate [LRA 5166]</td>
</tr>
<tr>
<td>Flower: Petal Colour</td>
<td>Cream [LRA 5166]</td>
</tr>
<tr>
<td>Flower: Pollen Colour</td>
<td>Cream[Anjali]</td>
</tr>
<tr>
<td>Boll: Shape(Longitudinal Section)</td>
<td>Ovate[Surabhi]</td>
</tr>
<tr>
<td>Fibre: Length</td>
<td>Medium [LRA 5166]</td>
</tr>
</tbody>
</table>

**B. Distinct Characteristics:**  
INDAM-1 has distinguishing characters like absence of hypocotyl pigmentation, green leaf colour, dense hairiness of leaf, flat appearance of leaf, palmate shape of leaf, dense hairiness of plant stem, cream colour of flower petal, cream colour of flower pollen and ovate boll shape.

**C. Reference Varieties**  
**NHH-44** has distinguishing characters like absence of hypocotyl pigmentation, light green leaf colour, medium hairiness of leaf, flat appearance of leaf, palmate shape of leaf, sparse hairiness of plant stem, cream colour of flower petal, cream colour of flower pollen and round boll shape.  
**DHH-11** has distinguishing characters like absence of hypocotyl pigmentation, green leaf colour, medium hairiness of leaf, flat appearance of leaf, palmate shape of leaf, sparse hairiness of plant stem, cream colour of flower petal, cream colour of flower pollen and ovate boll shape.
**D. Date of commercialization of the variety**

| Date of commercialization | Commercialized since 05th May, 2005 as Hybrid Sanju (Indam1) |

**E. Photographs:** (See figure 02a and b)

03. Application No. **E 24 SB37 09 338** filed on **19/08/2009** by Mr. C. Rama Krishna, Vice President (R&D), Nuziveedu Seeds Pvt. Ltd., Sy. No. 183, Kompally (Post), Quthbullapur-Mandal, Secunderabad, on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad 500034 (A.P.) for a Extant (Variety of Common Knowledge) plant variety of crop Sorghum (*Sorghum bicolor* (L.) Moench) having denomination **NSH-54**, the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA----- on --------NA------.

The convention application no. -----NA-------, in respect of the said variety has been filed on -----NA------, in -----NA----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

**Passport data of the variety NSH-54:**

| **Applicant** | Nuziveedu Seeds Pvt. Limited |
| **Address of the Applicant** | NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad 500034 (A.P.) |
| **Nationality of Applicant** | Indian |

**Application details**

| **a. Number** | **E 24 SB37 09 338** |
| **b. Date of receipt** | 19/08/2009 |
| **c. Date of acceptance** | 23/09/2011 |

**Crop (Taxonomical Lineage)**: Sorghum (*Sorghum bicolor* (L.) Moench)
Denomination: NSH-54
Type of Variety: Extant (Variety of Common Knowledge)
Classification of Variety: Hybrid Variety
Previously proposed denomination: Not applicable
Name of Parental Material:
Parent 1: ICSA 52 (NSL Code: NS-516A)
Parent 2: NS-444R
Name of Reference Varieties: CSH 18 and CSH 9

Variety Description:
A. Group Characteristics
<table>
<thead>
<tr>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Time of Panicle emergence (50% of the plant with complete panicle emergence)</td>
</tr>
<tr>
<td>Plant: Total height at maturity</td>
</tr>
<tr>
<td>Panicle: Shape</td>
</tr>
<tr>
<td>Caryopsis: Colour after threshing</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:
NSH-54 has distinguishing characters like yellow green anthocyanin colouration of coleoptiles at seedling, yellow green anthocyanin colouration of leaf sheath, early time of panicle emergence in plant, absence of yellow colouration of midrib at flag leaf, absence of arista formation at lemma, absence of anthocyanin colouration at stigma, absence of yellow colouration at stigma, medium length of flower with pedicel, yellow white colour of glume, medium total height of plant, long length of panicle without peduncle, semi-compact density of panicle at maturity, panicle broader in upper part, short glume length, freely threshable, yellow white caryopsis after threshing, circular shape of grain in dorsal view and elliptical shape in profile view, very small size of mark of germ at grain, ¾ vitreous texture of endosperm in grain and lustrous grain.

C. Reference varieties:
1. CSH 18 has distinguishing characters like yellow green anthocyanin colouration of coleoptiles at seedling, yellow green anthocyanin colouration of leaf sheath, late time of panicle emergence in plant, presence of yellow colouration of midrib at flag leaf, absence of arista formation at
lemma, absence of anthocyanin colouration at stigma, absence of yellow colouration at stigma, medium length of flower with pedicel, yellow white colour of glume, long total height of plant, medium length of penicle without peduncle, loose density of panicle at maturity, symmetrical panicle, medium glume length, partly threshable, yellow orange caryopsis after threshing, elliptical shape of grain in dorsal view and circular shape in profile view, small size of mark of germ at grain, half vitreous texture of endosperm in grain and lustrous grain.

2. **CSH 9** has distinct characters like yellow green anthocyanin colouration of coleoptiles at seedling, yellow green anthocyanin colouration of leaf sheath, medium time of panicle emergence in plant, presence of yellow colouration of midrib at flag leaf, presence of arista formation at lemma, absence of anthocyanin colouration at stigma, presence of yellow colouration at stigma, medium length of flower with pedicel, yellow white colour of glume, medium total height of plant, long length of penicle without peduncle, semi-loose density of panicle at maturity, symmetrical panicle, very short glume length, freely threshable, white caryopsis after threshing, circular shape of grain in dorsal and in profile view, medium size of mark of germ at grain, ¾ vitreous texture of endosperm in grain and lustrous grain.

**D. Date of commercialization of the variety**  
Commercialized since 2004.

**E. Photographs:** (See figure 03)

04. Application No.  

| E 18 | PG 26 | 09 | 395 |

filed on 22/09/2009 by Dr. J.C. Rajput, Director of Research on behalf of Nirmal Seeds Pvt. Ltd. P.O. Box-63, Bhadgaon Road, Pachora-424201, Dist.-Jalgaon, India for a **extant (Variety of Common Knowledge) plant variety** of crop **Pearl millet** (*Pennisetum glaucum*(L.)R. Br.), having denomination **Nirmal-40 (NPH-40)** the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA----- on -------NA------.

The convention application no. ------NA-------, in respect of the said variety has been filed on ------NA-----, in -----NA--.

Passport data of the variety Nirmal-40 (NPH-40):

Applicant: Nirmal Seeds Pvt. Ltd.
Address of the Applicant: P.O. Box-63, Bhadgaon Road, Pachora-424201, Dist.-Jalgaon, India
Nationality of Applicant: Indian

Application details:

a. Number: E 18 PG 26 09 395
b. Date of receipt: 22/09/2009
c. Date of acceptance: 13/10/2011

Crop (Taxonomical Lineage): Pearl millet (Pennisetum glaucum(L.)R. Br.)
Denomination: Nirmal-40 (NPH-40)
Type of Variety: Extant (Variety of Common Knowledge)
Classification of Variety: Hybrid
Previously proposed denomination: Not applicable
Name of Parental Material:
- Parent 1: N4168A
- Parent 2: N5057R

Name of Reference Varieties: Sraddha

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Time of spike emergence</td>
<td>Late [GHB 316, ICMH 451]</td>
</tr>
<tr>
<td>Spike: Anther colour</td>
<td>Yellow [HHB 94, G 73-107, RHRBI 458]</td>
</tr>
<tr>
<td>Spike: Shape</td>
<td>Lanceolate [HHB 67]</td>
</tr>
<tr>
<td>Seed: Colour</td>
<td>Gray [842B, D 23]</td>
</tr>
<tr>
<td>Seed: Shape</td>
<td>Elliptical [--]</td>
</tr>
</tbody>
</table>
B. Distinct Characteristics:

**Nirmal-40 (NPH-40)** has distinguishing characters like short plant height, long spike length and stay green fodder quality.

C. Reference varieties:

**Sraddha** has medium plant height, small spike length and faint green fodder quality.

| D. Date of commercialization of the variety | Commercialized since 01 June, 2003 |

E. Photographs: (See figure 04a, b, c, d and e)

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05. Application No. [N30 GH171 09 421] filed on 06/10/2009 by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Bioseed Research India Pvt. Ltd., Plot No. 206, Road No. 14, Jubilee Hills, Hyderabad-500 033, India for a New plant variety of crop Tetraploid Cotton (*Gossypium hirsutum* L.) having denomination **BIO 60254I2** the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number --NA-- on -------NA------.

The convention application no. ----NA----, in respect of the said variety has been filed on ----NA----, in ---NA---.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012**.

Passport data of the variety BIO 60254I2:

**Applicant**: Bioseed Research India Pvt. Ltd.

**Address of the Applicant**: Plot No. 206, Road No. 14, Jubilee Hills, Hyderabad-500033, India

**Nationality of Applicant**: Indian

**Application details**
a. Number: N30  GH171  09  421  
b. Date of receipt: 06/10/2009  
c. Date of acceptance: 04/04/2011  

**Crop (Taxonomical Lineage):** Tetraploid Cotton (*Gossypium hirsutum* L.)  
**Denomination:** BIO 60254I2  
**Type of Variety:** New  
**Classification of Variety:** Transgenic (Inbred Line)  
**Previously proposed denomination:** Not applicable  
**Name of Parental Material:**  
- Parent 1: 60254  
- Parent 2: MTC-512.01  
**Name of Reference Varieties:** LHH-144 and CSHH-198  

**Variety Description:**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. Group Characteristics</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td></td>
<td><em>Gossypium hirsutum</em></td>
</tr>
<tr>
<td>Leaf: Shape</td>
<td></td>
<td>Palmate [LRA 5166]</td>
</tr>
<tr>
<td>Flower: Petal Colour</td>
<td></td>
<td>Cream [LRA 5166]</td>
</tr>
<tr>
<td>Flower: Pollen Colour</td>
<td></td>
<td>Cream[Anjali]</td>
</tr>
<tr>
<td>Boll: Shape(Longitudinal Section)</td>
<td></td>
<td>Ovate[Surabhi]</td>
</tr>
<tr>
<td>Fibre: Length</td>
<td></td>
<td>Medium Long [Anjali]</td>
</tr>
<tr>
<td><strong>B. Distinct Characteristics:</strong></td>
<td></td>
<td>BIO 60254I2 has distinguishing characters like palmate leaf shape, sparse hairiness of plant stem, spreading growth habit of plant, late flowering time with 50% of plants with atleas...</td>
</tr>
</tbody>
</table>

**C. Reference Varieties**

LHH-144 has distinguishing characters like semi-digitate leaf shape, sparse hairiness of plant
stem, semi-spreading growth habit of plant, medium flowering time with 50% of plants with at least one open flower, elliptical boll shape, large weight of seed cotton/boll, medium fuzzy seed, medium index of seed, long fibre length, strong fibre strength and fine fibre fineness.

CSHH-198 has distinguishing characters like palmate leaf shape, smooth hairiness of plant stem, spreading growth habit of plant, late flowering time with 50% of plants with at least one open flower, ovate boll shape, medium weight of seed cotton/boll, dense fuzzy seed, bold index of seed, long fibre length, medium fibre strength and medium fibre fineness.

| D. Date of commercialization of the variety | Exploited for developing hybrid BIO 2113-2 which is under sale since 22\textsuperscript{nd} April, 2009. |

E. Photographs: (See figure 05a and b)

06. Application No. [E 25 OS 62 09 429] filed on 04/01/2011 by Dr. M.S. Basu, Vice President (PR&D), Krishidhan Seeds Limited, D3 to D6, Additional MIDC Area, Jalna (Maharashtra), on behalf of Krishidhan Seeds Limited, D3 to D6, Additional MIDC Area, Jalna (Maharashtra) for a extant (Variety of Common Knowledge) plant variety of crop Rice \textit{(Oryza sativa L.)} having denomination Silky-277 the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA------ on --------NA------.

The convention application no. --------NA------, in respect of the said variety has been filed on --------NA------, in -----NA----.


Passport data of the variety Silky-277:

\begin{align*}
\text{Applicant} & : \text{Krishidhan Seeds Limited} \\
\text{Address of the Applicant} & : \text{D3 to D6, Additional MIDC Area, Aurangabad Road, Jalna-431 213 (Maharashtra)}
\end{align*}
Nationality of Applicant: Indian

Application details

a. Number: E 25 OS 62 09 429
b. Date of receipt: 15/10/2009
c. Date of acceptance: 02/12/2011

Crop (Taxonomical Lineage): Rice (Oryza sativa L.)

Denomination: Silky-277

Type of Variety: Extant (Variety of Common Knowledge)

Classification of Variety: Typical

Previously proposed denomination: Not applicable

Name of Parental Material:

Parent 1: KSL-17-18

Parent 2: SPS-19-3

Name of Reference Varieties: Pusa-44 and MTU-1010

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basal Leaf: Sheath Colour</td>
<td>Green [Rasi, Heera]</td>
</tr>
<tr>
<td>Time of Heading (50% of plants with panicles)</td>
<td>Medium [Vikas, Triguna]</td>
</tr>
<tr>
<td>Stem: Length (excluding panicle :excluding floating rice)</td>
<td>Very Short [Heera]</td>
</tr>
<tr>
<td>Decorticated Grain: Length</td>
<td>Medium [Samba Mahsuri]</td>
</tr>
<tr>
<td>Decorticated Grain: Shape in lateral view</td>
<td>Medium slender [Samba Mahsuri]</td>
</tr>
<tr>
<td>Decorticated Grain: Colour</td>
<td>Light Brown</td>
</tr>
<tr>
<td>Endosperm : Content of amylose</td>
<td>Very Low [Hiyokumochi]</td>
</tr>
<tr>
<td>Decorticated Grain: Aroma</td>
<td>Absent [Jaya]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

Silky-277 has distinct characters like strong pubescence on leaf blade surface, medium days to 50% flowering, very short plant height excluding panicle, mostly exerted panicle, medium
slender grain shape, medium grain length and medium days to maturity.

C. Reference varieties:

1. **Pusa-44** has distinct characters like weak pubescence on leaf blade surface, medium days to 50% flowering, very short plant height excluding panicle, mostly exerted panicle, long bold grain shape, long grain length and medium days to maturity.

2. **MTU-1010** has distinct characters like weak pubescence on leaf blade surface, early days to 50% flowering, very short plant height excluding panicle, well exerted panicle, long slender grain shape, long grain length and early days to maturity.

D. Date of commercialization of the variety

| Commercialized since 19th May 2004.

E. Photographs: (See figure 06a and b)

07. Application No. [N 03 | ZM 03 | 10 | 049] filed on 22/02/2010 by Mr. C. Rama Krishna, Vice President (R&D), Nuziveedu Seeds Pvt. Limited, Survey No. 69, Gundlapochampally (Village & Panchayat), Medchal – Mandal, Rangareddy- District- 501401 (A.P.), India on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500034, India for a new plant variety of crop Maize [Zea mays L.] having denomination NSCL-63 (SWEET CORN), the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number ---------NA--------on ---------NA--------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA---.


Passport data of the variety NSCL-63 (SWEET CORN):
Applicant: Nuziveedu Seeds Private Limited

Address of the Applicant: NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034 (India)

Nationality of Applicant: Indian

Application details
  a. Number: [N 03 ZM 03 10 49]
  b. Date of receipt: 22/02/2010
  c. Date of acceptance: 20/12/11

Crop (Taxonomical Lineage): Maize [Zea mays L.]

Denomination: NSCL-63 (SWEET CORN)

Type of Variety: New

Classification of Variety: Inbred parental line

Previously proposed denomination: Not applicable

Name of Parental Material: Parent: SWPOP-1-1-3-5-2-1-1-1

Name of Reference Varieties: Win Orange Sweet Corn and Priya Sweet Corn

Variety Description:

A. Group Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tassel: Time of anthesis</td>
<td>Medium [HKI 323]</td>
</tr>
<tr>
<td>Ear: Time of silk emergence (50% of plant)</td>
<td>Medium [HKI 323]</td>
</tr>
<tr>
<td>Ear: Anthocyanin colouration of silks</td>
<td>Absent [HKI 1025]</td>
</tr>
<tr>
<td>Plant: Length</td>
<td>Medium [HKI 323]</td>
</tr>
<tr>
<td>Ear: Type of grain</td>
<td>Dent [HM 5]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

NSCL-63 (SWEET CORN) has distinguishing characters like medium tassel time of anthesis (on middle third of main axis, 50% plant), dense tassel density of spikelets (in middle third of main axis), medium plant length (up to flag leaf), narrow leaf width of blade (leaf of upper ear),
medium ear length (without husk) and orange ear colour of top of grain.

C. Reference varieties:

1. WIN Orange Sweet Corn: It has distinguishing characters like medium time of anthesis (on middle third of main axis, 50% of plants), sparse tassel density of spikelets (in middle third of main axis), medium plant length (up to flag leaf), medium leaf width of blade (leaf of upper ear), long ear length (without husk) and yellow ear colour of top of grain.

2. Priya Sweet Corn: It has distinguishing characters like early time of anthesis (on middle third of main axis, 50% of plants), sparse tassel density of spikelets (in middle third of main axis), long plant length (up to flag leaf), medium leaf width of blade (leaf of upper ear), medium ear length (without husk) and orange ear colour of top of grain.

D. Date of commercialization of the variety

| Date of commercialization of the variety | Exploited for developing hybrid NSCH-12 (SWEET CORN) which is under sale since 14th June 2010. |

E. Photographs: (See figure 07a, b, c and d)

08. Application No. N04 PG 04 10 063 filed on 08/03/2010 by Dr. B.S. Dahiya, Chief Coordinator, R & D, Kaveri Seed Company Limited on behalf of M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India for a new plant variety of crop Pearl millet [Pennisetum glaucum (L.) R. Br.] having denomination KBR 864, the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA------ on ----NA------.

The convention application no. ------NA------, in respect of the said variety has been filed on ------NA------, in -----NA----.


Passport Data of the variety KBR 864:
Applicant: Kaveri Seed Company Limited

Address of the Applicant: M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India

Nationality of Applicant: Indian

Application details:

a. Number: [N04 PG 04 10 063]
b. Date of receipt: 08/03/2010
c. Date of acceptance: 20/10/2011

Crop (Taxonomical Lineage): Pearl millet [Pennisetum glaucum (L.) R. Br.]

Denomination: KBR 864

Type of Variety: New

Classification of Variety: Typical (Inbred)

Previously proposed: Not applicable

denomination

Name of Parental Material:

Parent 1: KBR 653
Parent 2: Selection from IPC 98 [(NW 15-18)-44-8]

Name of Reference Varieties: HTP 94/54 & PIB 1234

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant time of spike emergence</td>
<td>Late [GHB 316, ICMP 451]</td>
</tr>
<tr>
<td>Anther: Colour</td>
<td>Brown [842 B, 81 B]</td>
</tr>
<tr>
<td>Spike : Shape</td>
<td>Conical [842 B, ICMP 423, ICMP 356]</td>
</tr>
<tr>
<td>Seed : Colour</td>
<td>Cream[-]</td>
</tr>
<tr>
<td>Seed : Shape</td>
<td>Globular [843 B, HHB 67]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

KBR 864 has distinguishing characters like intermediate plant growth habit, brown colour of
spike anther, green plant internode pigmentation, absence of spike tip sterility, cream seed
colour and medium seed weight of 1000 grains (g).

C. Reference varieties:
1. HTP 94/54: It has distinguishing characters like erect plant growth habit, yellow colour of
spike anther, green plant internode pigmentation, presence of spike tip sterility, yellow seed
colour and medium seed weight of 1000 grains (g).
2. PIB 1234: It has distinguishing characters like intermediate plant growth habit, yellow
colour of spike anther, green plant internode pigmentation, presence of spike tip sterility,
yellow brown seed colour and small seed weight of 1000 grains (g).

D. Date of commercialization of the
variety | Not commercialized.

E. Photographs: (See figure 08a and b)

09. Application No. N22 SM22 10 408 filed on 23/12/2010 by Dr. Malathi
Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New
Delhi- 110 029, India on behalf of Maharashtra Hybrid Seeds Company Limited, Resham
Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400 020 (Maharashtra), India for a
New plant variety of crop Brinjal/ Eggplant (Solanum melongena L.) having denomination
MEBH 39-Improved the specification including its drawing and or photograph(s) of which are
given below, has been accepted and given registration number --------NA--------on --------NA-
--------.

The convention application no. ----NA----, in respect of the said variety has been filed
on ----NA------, in ---NA----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of
Plant Varieties and Farmers’ Rights Rules, 2003 is Office of the Registrar, PPV & FR
Authority, New Delhi – 110 012.
Passport data of the variety MEBH 39-Improved:

Applicant: Maharashtra Hybrid Seeds Company Limited
Address of the Applicant: Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400 020 (Maharashtra)
Nationality of Applicant: Indian

Application details
a. Number: N22 SM22 10 408
b. Date of receipt: 23/12/2010
c. Date of acceptance: 28/11/2011

Crop (Taxonomical Lineage): Brinjal/ Eggplant (Solanum melongena L.)
Denomination: MEBH 39-Improved
Type of Variety: New
Classification of Variety: Hybrid
Previously proposed denomination: Not applicable
Name of Parental Material:
Parent 1: B-1318
Parent 2: B-1481
Name of Reference Varieties: Pragati and Mohini

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruit: Length</td>
<td>Short [Uttara, Aruna]</td>
</tr>
<tr>
<td>Fruit: Diameter</td>
<td>Small [Uttara, Arka Nidhi]</td>
</tr>
<tr>
<td>Fruit: General shape</td>
<td>Ovoid [Pusa Ankur,Bhagyamati]</td>
</tr>
<tr>
<td>Fruit: Colour of skin at commercial harvesting</td>
<td>Purple [Arka Nidhi, Pusa Purple Long]</td>
</tr>
<tr>
<td>Fruit: Stripes</td>
<td>Absent [Arka Keshav ]</td>
</tr>
<tr>
<td>Fruit: Colour of calyx</td>
<td>Green [Arka Kusumakar, Arka Shirish]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:
MEBH-39-Improved has distinguishing characters like presence of seedling anthocyanin colouration of hypocotyls, purple leaf blade colour, medium intensity of leaf blade colour, purple colour of leaf vein, medium intensity of colour of leaf veins, more than three number of flowers in inflorescence, late flowering, small fruit diameter, obovate fruit general shape, absence of fruit stripes, medium creasing of calyx in fruit, whitish colour of fruit flesh, semi-spreading plant growth habit and brown colour of fruit skin at physiological maturity.

C. Reference Varieties

Pragati has distinguishing characters like presence of seedling anthocyanin colouration of hypocotyls, green leaf blade colour, dark intensity of leaf blade colour, purple colour of leaf vein, dark intensity of colour of leaf veins, more than three number of flowers in inflorescence, medium flowering, small fruit diameter, obovate fruit general shape, absence of fruit stripes, weak creasing of calyx in fruit, whitish colour of fruit flesh, semi-spreading plant growth habit and brown colour of fruit skin at physiological maturity.

Mohini has distinguishing characters like absence of seedling anthocyanin colouration of hypocotyls, green leaf blade colour, medium intensity of leaf blade colour, green colour of leaf vein, light intensity of colour of leaf veins, 1-3 number of flowers in inflorescence, early flowering, medium fruit diameter, ovoid fruit general shape, presence of fruit stripes, medium creasing of calyx in fruit, greenish colour of fruit flesh, erect plant growth habit and yellow colour of fruit skin at physiological maturity.

D. Date of commercialization of the variety

| D. Date of commercialization of the variety | Commercialized since 30th January 2010 as HY. EGGPLANT RAVAIYA |

E. Photographs: (See figure 09)

10. Application No. [N17 LL17 10 457] filed on 27/12/2010 by Dr. S.K. Tripathi, Vice-president-Vegetable, Nuziveedu Seeds Pvt. Limited 905, 9th Floor, Kanchenjunga Building, Connaught Place, New Delhi on be half of Nuziveedu Seeds Pvt. Limited, NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.) for a New plant variety of crop Tomato [Lycopersicon lycopersicum (L.) Karsten ex. Farw] having denomination ANVITHA-1032, the specification
includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on --------NA--------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ----NA----.


**Passport data of the variety ANVITHA-1032:**

**Applicant**: Nuziveedu Seeds Pvt. Limited  
**Address of the Applicant**: NSL ICON,No.8-2-684/2/A, Plot No. 1 to 4, 4<sup>th</sup> Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.)  
**Nationality of Applicant**: Indian  
**Application details**

<table>
<thead>
<tr>
<th>a. Number</th>
<th>N17</th>
<th>LL17</th>
<th>10</th>
<th>457</th>
</tr>
</thead>
<tbody>
<tr>
<td>b. Date of receipt</td>
<td>27/12/2010</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Date of acceptance</td>
<td>26/12/2011</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Crop (Taxonomical Lineage)**: Tomato [*Lycopersicon lycopersicum* (L.) Karsten ex.Farw]  
**Denomination**: ANVITHA-1032  
**Type of Variety**: New  
**Classification of Variety**: Hybrid  
**Previously proposed denomination**: NA  
**Name of Parental Material**:  
- Parent 1: BA-1006  
- Parent 2: BA-1021  
**Name of Reference Varieties**: Laxmi (5005) & Ruchi  
**Variety Description:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Growth type</td>
<td>Determinate [Hisar Arun]</td>
</tr>
<tr>
<td>Leaflet: Serration</td>
<td>Less serrated [Kashi Shard]</td>
</tr>
</tbody>
</table>
Fruit: Green shoulder (before maturity)  |  Absent [Kashi Anupam]  
Fruit: Shape  |  Flattened [Hisar Lalima]  
Fruit: Colour at maturity  |  Red [Kashi Vishesh]  

B. Distinct Characteristics:  
**ANVITHA-1032** has distinguishing characters like long stem length of internodes between 1\textsuperscript{st} and 4\textsuperscript{th} inflorescence, medium intensity of green colour in fruit (before maturity) and 3-4 number of locules in the fruit.

C. Reference varieties:  
1. **Laxmi (5005)**: It has distinguishing characters like light intensity of green colour in fruit (before maturity) and >4 number of locules in the fruit.  
2. **Ruchi**: It has distinguishing characters like dark intensity of green colour in fruit (before maturity) and >4 number of locules in the fruit.

D. Date of commercialization of the variety  
Commercialized since 08\textsuperscript{th} July 2010 as **ANVITHA-1032-P10G**

E. Photographs: (See figure 10a, b and c)

11. Application No. [N12 BB12 10 459] filed on 27/12/2010 by Dr. S.K.Tripathi, Vice-president-Vegetable, Nuziveedu Seeds Pvt. Limited 905, 9\textsuperscript{th} Floor, Kanchenjunga Building, Connaught Place, New Delhi on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4\textsuperscript{th} Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.) for a New plant variety of crop **Cauliflower** [*Brassica oleracea* L.var. *Botrytis*] having denomination **HOT QUEEN**, the specification includes its drawing and or photograph(s) which are given below, has been accepted and given registration number ---------NA--------- on ---------NA---------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA---.
Appropriate office for the opposition of proceedings under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

**Passport data of the variety HOT QUEEN:**

**Applicant** : Nuziveedu Seeds Pvt. Limited

**Address of the Applicant** : NSL ICON,No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.)

**Nationality of Applicant** : Indian

**Application details**

| a. Number | : | N12 | BB12 | 10 | 459 |
| --- | | --- | | | | |
| b. Date of receipt | : | 27/12/2010 |
| c. Date of acceptance | : | 26/12/2011 |

**Crop (Taxonomical Lineage)** : Cauliflower \( \text{Brassica oleracea} \) L.var. \( \text{Botrytis} \)

**Denomination** : HOT QUEEN

**Type of Variety** : New

**Classification of Variety** : Hybrid

**Previously proposed denomination** : NA

**Name of Parental Material** : Parent 1: NCFD-60

Parent 2: NCFD-83

**Name of Reference Varieties** : Pusa Early Synthetic, Pusa Deepali,

**Variety Description:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seedling: Anthocyanin coloration of hypocotyls</td>
<td>Absent [Pusa Deepali]</td>
</tr>
<tr>
<td>Curd: Covering by inner leaves</td>
<td>Not covered [Pusa Deepali,Kashi Kunwari, Pusa Himjyoti, Pusa Meghna, Pusa Kartik Sankar, Pusa Early Synthetic]</td>
</tr>
<tr>
<td>Curd: Shape in Longitudinal Section</td>
<td>Broad Elliptic [Pusa Snowball K-1, Pusa Snowball K-25,Pusa Sharad, Kashi Aghani,</td>
</tr>
</tbody>
</table>
Pusa Paushja, Pusa Shukti, Pusa Hybrid-2, Pusa Synthetic

Curd: Maturity Group
Early [Pusa Deepali, Pusa Meghna, Pusa Early Synthetic, Kashi Kunwari, Pusa Kartik Sankar]

B. Distinct Characteristics:
HOT QUEEN has distinguishing characters like elliptical leaf shape, light waxiness of leaf, medium torsion of tip of leaf, concave profile of upper side of blade of leaf, weak crimping of leaf near main vein, curd partly covered by inner leaves, broad elliptical shape of curd in longitudinal section, medium doming of curd, medium compactness of curd, yellow flower color and medium stalk length of flower.

C. Reference varieties:
1. Pusa Early Synthetic: It has distinguishing characters like narrow elliptical leaf shape, absence of waxiness of leaf, absence of torsion of tip of leaf, flat profile of upper side of blade of leaf, weak crimping of leaf near main vein, curd not covered by inner leaves, narrow elliptical shape of curd in longitudinal section, weak doming of curd, loose compactness of curd, creamy white flower color and medium stalk length of flower.
2. Pusa Deepali: It has distinguishing characters like elliptical leaf shape, light waxiness of leaf, absence of torsion of tip of leaf, flat profile of upper side of blade of leaf, medium crimping of leaf near main vein, curd not covered by inner leaves, narrow elliptical shape of curd in longitudinal section, medium doming of curd, medium compactness of curd, creamy white flower color and short stalk length of flower.

D. Date of commercialization of the variety
Commercialized since 06th July 2010.

E. Photographs: (See figure 11)

12. Application No. N15 BB15 10 462 filed on 27/12/2010 by Dr. S.K.Tripathi, Vice-president-Vegetable, Nuziveedu Seeds Pvt. Limited 905, 9th Floor, Kanchenjunga Building, Connaught Place, New Delhi on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara
Hills, Hyderabad-500034 (A.P.) for a New plant variety of crop Cauliflower \([Brassica oleracea\ L.\ var.\ Botrytis]\) having denomination NCFD-56, the specification includes its drawing and or photograph(s) which are given below, has been accepted and given registration number ----NA--------on 012----NA------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA----, in ---NA----.


Passport data of the variety NCFD-56:

Applicant : Nuziveedu Seeds Pvt. Limited

Address of the Applicant : NSL ICON,No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.)

Nationality of Applicant : Indian

Application details

<table>
<thead>
<tr>
<th>a. Number</th>
<th>b. Date of receipt</th>
<th>c. Date of acceptance</th>
</tr>
</thead>
<tbody>
<tr>
<td>N15 BB15 10 462</td>
<td>27/12/2010</td>
<td>26/12/2011</td>
</tr>
</tbody>
</table>

Crop (Taxonomical Lineage) : Cauliflower \([Brassica oleracea\ L.\ var.\ Botrytis]\)

Denomination : NCFD-56

Type of Variety : New

Classification of Variety : Parental Line

Previously proposed denomination : NA

Name of Parental Material : NCFD-56 (SIC Male Parent) (HBD-56-3-1-3-4-3)

Name of Reference Varieties : Pusa Early Synthetic and Pusa Deepali

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seedling: Anthocyanin coloration of hypocotyls</td>
<td>Absent [Pusa Deepali]</td>
</tr>
<tr>
<td>Curd: Covering by inner leaves</td>
<td>Partly covered [Pusa Sharad, Kashi Aghani, Pusa Paushja, Pusa Shukti, Pusa Hybrid-2, Pusa Synthetic]</td>
</tr>
<tr>
<td>Curd: Shape in Longitudinal Section</td>
<td>Broad Elliptic [Pusa Snowball K-1, Pusa Snowball K-25, Pusa Sharad, Kashi Aghani, Pusa Paushja, Pusa Shukti, Pusa Hybrid-2, Pusa Synthetic]</td>
</tr>
<tr>
<td>Curd: Maturity Group</td>
<td>Early [Pusa Deepali, Pusa Meghna, Pusa Early Synthetic, Kashi Kunwari, Pusa Kartik Sankar]</td>
</tr>
</tbody>
</table>

**B. Distinct Characteristics:**
NCFD-56 has distinguishing characters like bluish green color of leaf, medium waxiness of leaf, medium torsion of tip of leaf, concave profile of upper side of blade of leaf, weak crimping of leaf near main vein, curd partly covered by inner leaves, medium doming of curd, medium compactness of curd, yellow flower color and short stalk length of flower.

**C. Reference varieties:**
1. **Pusa Early Synthetic:** It has distinguishing characters like dark green color of leaf, absence of waxiness of leaf, absence of torsion of tip of leaf, flat profile of upper side of blade of leaf, weak crimping of leaf near main vein, curd not covered by inner leaves, weak doming of curd, loose compactness of curd, creamy white flower color and medium stalk length of flower.
2. **Pusa Deepali:** It has distinguishing characters like light green color of leaf, light waxiness of leaf, absence of torsion of tip of leaf, flat profile of upper side of blade of leaf, medium crimping of leaf near main vein, curd not covered by inner leaves, medium doming of curd, medium compactness of curd, creamy white flower color and short stalk length of flower.

**D. Date of commercialization of the variety**
Not commercialized

**E. Photographs:** (See figure 12)
13. Application No. N17 BB17 10 467 filed on 27/12/2010 by Dr. S.K.Tripathi, Vice-president-Vegetable, Nuziveedu Seeds Pvt. Limited 905, 9th Floor, Kanchenjunga Building, Connaught Place, New Delhi on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON,No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.) for a New plant variety of crop Cauliflower [Brassica oleracea L.var. Botrytis] having denomination NCFD-53, the specification includes its drawing and or photograph(s) which are given below, has been accepted and given registration number --- -----NA--------on -----------NA------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA------, in ---NA----.


Passport data of the variety NCFD-53:

Applicant : Nuziveedu Seeds Pvt. Limited

Address of the Applicant : NSL ICON,No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number : N17 BB17 10 467
b. Date of receipt : 27/12/2010
c. Date of acceptance : 26/12/2011

Crop (Taxonomical Lineage) : Cauliflower [Brassica oleracea L.var. Botrytis]

Denomination : NCFD-53

Type of Variety : New

Classification of Variety : Parental Line

Previously proposed denomination : NA

Name of Parental Material : NCFD-53 (SI Female Parent) (PNKD-53-1-4-3-4-5)
**Name of Reference Varieties**: Pusa Early Synthetic  
Pusa Deepali

**Variety Description**:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seedling: Anthocyanin coloration of hypocotyls</td>
<td>Absent [Pusa Deepali]</td>
</tr>
<tr>
<td>Curd: Covering by inner leaves</td>
<td>Partly covered [Pusa Sharad, Kashi Aghani, Pusa Paushja, Pusa Shukti, Pusa Hybrid-2, Pusa Synthetic]</td>
</tr>
<tr>
<td>Curd: Shape in Longitudinal Section</td>
<td>Broad Elliptic [Pusa Snowball K-1, Pusa Snowball K-25, Pusa Sharad, Kashi Aghani, Pusa Paushja, Pusa Shukti, Pusa Hybrid-2, Pusa Synthetic]</td>
</tr>
<tr>
<td>Curd: Maturity Group</td>
<td>Early [Pusa Deepali, Pusa Meghna, Pusa Early Synthetic, Kashi Kunwari, Pusa Kartik Sankar]</td>
</tr>
</tbody>
</table>

**B. Distinct Characteristics**:
NCFD-53 has distinguishing characters like bluish green color of leaf, medium waxiness of leaf, medium torsion of tip of leaf, concave profile of upper side of blade of leaf, absence of crimping of leaf near main vein, curd partly covered by inner leaves, weak doming of curd, medium compactness of curd, yellow flower color and short stalk length of flower.

**C. Reference varieties**:

1. **Pusa Early Synthetic**: It has distinguishing characters like dark green of leaf, absence of waxiness of leaf, absence of torsion of tip of leaf, flat profile of upper side of blade of leaf, weak crimping of leaf near main vein, curd not covered by inner leaves, weak doming of curd, loose compactness of curd, creamy white flower color and medium stalk length of flower.

2. **Pusa Deepali**: It has distinguishing characters like light green color of leaf, light waxiness of leaf, absence of torsion of tip of leaf, flat profile of upper side of blade of leaf, medium crimping of leaf near main vein, curd not covered by inner leaves, medium doming of curd, medium compactness of curd, creamy white flower color and short stalk length of flower.

| D. Date of commercialization of the variety | Not commercialized. |
E. Photographs: (See figure 13)

14. Application No. [N18 LL18 10 473] filed on 28/12/2010 by Dr. S.K. Tripathi, Vice-president-Vegetable, Nuziveedu Seeds Pvt. Limited 905, 9th Floor, Kanchenjunga Building, Connaught Place, New Delhi on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON,No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.) for a New plant variety of crop Tomato \([\text{Lycopersicon lycopersicum (L.) Karsten ex. Farw}]\) having denomination IMPROVE BHAGYA, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -------NA--------- on -------NA-------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA----.


Passport data of the variety IMPROVE BHAGYA:

Applicant : Nuziveedu Seeds Pvt. Limited
Address of the Applicant : NSL ICON,No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.)
Nationality of Applicant : Indian
Application details
  a. Number : [N18 LL18 10 473]
  b. Date of receipt : 28/12/2010
  c. Date of acceptance : 26/12/2011
Crop (Taxonomical Lineage) : Tomato \([\text{Lycopersicon lycopersicum (L.) Karsten ex.Farw}]\)
Denomination : IMPROVE BHAGYA
Type of Variety : New
Classification of Variety : Hybrid
Previously proposed denomination: NA

Name of Parental Material: Parent 1: FN-9005  
Parent 2: FN-9031

Name of Reference Varieties: LAXMI (5005) and RUCHI

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant : Growth type</td>
<td>Determinate [Hisar Arun]</td>
</tr>
<tr>
<td>Leaflet : Serration</td>
<td>Less serrated [Kashi Sharad ]</td>
</tr>
<tr>
<td>Fruit : Green shoulder (before maturity)</td>
<td>Absent [Kashi Anupam ]</td>
</tr>
<tr>
<td>Fruit : Shape</td>
<td>Flattened [Hisar Lalima ]</td>
</tr>
<tr>
<td>Fruit : Colour at maturity</td>
<td>Red [Kashi Vishesh]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

IMPROVE BHAGYA has distinguishing characters like medium intensity of green colour in fruit (before maturity), medium ribbing at peduncle end of fruit and 3-4 number of locules in the fruit.

C. Reference varieties:

1. Laxmi (5005): It has distinguishing characters like light intensity of green colour in fruit (before maturity), weak ribbing at peduncle end of fruit and >4 number of locules in the fruit.
2. RUCHI: It has distinguishing characters like dark intensity of green colour in fruit (before maturity), strong ribbing at peduncle end of fruit and >4 number of locules in the fruit.

D. Date of commercialization of the variety

Commercialized since 29/06/2010 as BHAGYA-IMP2802 P10G

E. Photographs: (See figure 14a and b)

15. Application No. N22 LL22 10 483 filed on 28/12/2010 by Dr. S.K. Tripathi, Vice-president-Vegetable, Nuziveedu Seeds Pvt. Limited 905, 9th Floor, Kanchenjunga Building, Connaught Place, New Delhi on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON,No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.) for a New plant variety of crop Tomato.
[Lycopersicon lycopersicum (L.) Karsten ex. Farw] having denomination IMPROVE SHREYA, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on --------NA--------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA---.


Passport data of the variety IMPROVE SHREYA:

Applicant : Nuziveedu Seeds Pvt. Limited

Address of the Applicant : NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number : N22 LL22 10 483
b. Date of receipt : 28/12/2010
c. Date of acceptance : 26/12/2011

Crop (Taxonomical Lineage) : Tomato [Lycopersicon lycopersicum (L.) Karsten ex.Farw]

Denomination : IMPROVE SHREYA

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed denomination : NA

Name of Parental Material : Parent 1: NTF-9045
Parent 2: NTM-62

Name of Reference Varieties : JK DESI & ANNAPURNA

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Characteristic</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>Plant : Growth type</td>
<td>Determinate [Hisar Arun]</td>
</tr>
<tr>
<td>Leaflet : Serration</td>
<td>Highly serrated [Hisar Arun]</td>
</tr>
<tr>
<td>Fruit : Green shoulder(before maturity)</td>
<td>Present [Flora Dade ]</td>
</tr>
<tr>
<td>Fruit : Shape</td>
<td>Flattened [Hisar Lalima ]</td>
</tr>
<tr>
<td>Fruit : Colour at maturity</td>
<td>Red [Kashi Vishesh]</td>
</tr>
</tbody>
</table>

**B. Distinct Characteristics:**

**IMPROVE SHREYA** has distinguishing characters like medium stem length of internodes between 1st and 4th inflorescence, strong ribbing at peduncle end of fruit, large size of core in cross section of fruit and medium firmness of fruit.

**C. Reference varieties:**

1. **JK DESI:** It has distinguishing characters like medium ribbing at peduncle end of fruit, large size of core in cross section of fruit and soft firmness of fruit.
2. **ANNAPURNA:** It has distinguishing characters like strong ribbing at peduncle end of fruit and soft firmness of fruit.

**D. Date of commercialization of the variety**

Commercialized since 20th November 2010 as SHRIYA-IMP-P 10G

**E. Photographs:** (See figure 15a and b)

16. Application No. [E 2 AE 2 11 28] filed on 04/01/2011 by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Maharashtra Hybrid Seeds Company Limited, Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400 020 (Maharashtra), India for an extant (Variety of Common Knowledge) plant variety of crop Okra (*Abelmoschus esculentus* L. Moench) having denomination MHOK 64, the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA----- on -------NA------.

The convention application no. ------NA------, in respect of the said variety has been filed on ------NA------, in -----NA--.

Passport data of the variety MHOK 64:

Applicant: Maharashtra Hybrid Seeds Company Limited
Address of the Applicant: Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400 020 (Maharashtra)
Nationality of Applicant: Indian

Application details:

a. Number:
   
   b. Date of receipt: 04/01/2011
   c. Date of acceptance: 04/11/2011

Crop (Taxonomical Lineage): Okra (Abelmoschus esculentus L. Moench)
Denomination: MHOK 64
Type of Variety: Extant (Variety of Common Knowledge)
Classification of Variety: Hybrid
Previously proposed denomination: NA

Name of Parental Material:
- Parent 1: O-836
- Parent 2: O-837

Name of Reference Varieties: MHOK 10 and S 152

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stem: Colour</td>
<td>Green [Kashi Vibhuti]</td>
</tr>
<tr>
<td>Leaf Blade: Depth of lobing</td>
<td>Deep [Varsha Upar]</td>
</tr>
<tr>
<td>Stem : Number of nodes at first flowering</td>
<td>Few &lt;5 [No.315]</td>
</tr>
<tr>
<td>Fruit: Colour</td>
<td>Green [SB-8 ]</td>
</tr>
</tbody>
</table>
B. Distinct Characteristics:

**MHOK 64** has distinct characters like deep depth of lobing on leaf blade, medium time of 50% flowering of the plants with at least one open flower, flat surface between ridges of fruits, and long length of physiologically mature fruit.

C. Reference varieties:

**MHOK 10**: It has distinguishing characters like medium depth of lobing on leaf blade, medium time of 50% flowering of the plants with at least one open flower, concave surface between ridges of fruits, and long length of physiologically mature fruit.

**S 152**: It has distinguishing characters like medium depth of lobing on leaf blade, late time of 50% flowering of the plants with at least one open flower, flat surface between ridges of fruits, and medium length of physiologically mature fruit.

D. Date of commercialization of the variety

Commercialized since 30th November 2009 as Bhendi Hy. No. 64

E. Photographs: (See figure 16)

17. Application No. **E 3** **AE 3** **11** **30** filed on 04/01/2011 by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, **India** on behalf of Maharashtra Hybrid Seeds Company Limited, Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400 020 (Maharashtra), **India** for a Extant (Variety of Common Knowledge) plant variety of crop **Okra** (*Abelmoschus esculentus* L. Moench) having denomination **MHOK 55**, the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA------ on --------NA------.

The convention application no. --------NA------, in respect of the said variety has been filed on --------NA------, in ----NA---.
Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

**Passport data of the variety MHOK 55:**

**Applicant**: Maharashtra Hybrid Seeds Company Limited

**Address of the Applicant**: Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400 020 (Maharashtra)

**Nationality of Applicant**: Indian

**Application details**

- **Number**: E 3 AE 3 11 30
- **Date of receipt**: 04/01/2011
- **Date of acceptance**: 04/11/2011

**Crop (Taxonomical Lineage)**: Okra (*Abelmoschus esculentus* L. Moench)

**Denomination**: MHOK 55

**Type of Variety**: Extant (Variety of Common Knowledge)

**Classification of Variety**: Hybrid

**Previously proposed denomination**: NA

**Name of Parental Material**
- Parent 1: O-838
- Parent 2: O-839

**Name of Reference Varieties**: MHOK 10 and S 152

**Variety Description:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stem: Colour</td>
<td>Green [Kashi Vibhuti]</td>
</tr>
<tr>
<td>Leaf Blade : Depth of lobing</td>
<td>Medium [Pusa Sawani]</td>
</tr>
<tr>
<td>Stem : Number of nodes at first flowering</td>
<td>Few &lt;5 [No.315]</td>
</tr>
<tr>
<td>Fruit: Colour</td>
<td>Green [SB-8 ]</td>
</tr>
<tr>
<td>Fruit: Number of locules</td>
<td>&lt;6 [Kashi Vihbuti ]</td>
</tr>
<tr>
<td>-------------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>Plant: Number of branches</td>
<td>Medium[Parbhani Kranti, Hisar Unnat]</td>
</tr>
</tbody>
</table>

**B. Distinct Characteristics:**

MHOK 55 has distinct characters like purple flower petal base colour inside only and flat surface between ridges and narrow acute fruit shape of apex.

**C. Reference varieties:**

MHOK 10: It has distinguishing characters like purple flower petal base colour on both sides, concave surface between ridges and narrow acute fruit shape of apex.

S 152: It has distinguishing characters like purple flower petal base colour on both sides, flat surface between ridges and acute fruit shape of apex.

**D. Date of commercialization of the variety**

| Commercialized since 28th November, 2009 sold as Bhendi Hy. No. 55 |

**E. Photographs:** (See figure 17)

18. Application No. **E 15 LL15 11 41** filed on **04/01/2011** by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Maharashtra Hybrid Seeds Company Limited, Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400 020 (Maharashtra), India for a extant (Variety of Common Knowledge) plant variety of crop Tomato [*Lycopersicon lycopersicum* (L.) Karsten ex.Farw] having denomination **MHTM 256**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on -----------NA-------.

having denomination **MHTM 256** the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA----- on --- ----NA------.

The convention application no. ------NA------, in respect of the said variety has been filed on -----NA-----, in -----NA---.
Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

**Passport data of the variety MHTM 256:**

- **Applicant**: Maharashtra Hybrid Seeds Company Limited
- **Address of the Applicant**: Resham Bhavan, 4<sup>th</sup> Floor, 78, Veer Nariman Road, Mumbai-400 020 (Maharashtra)
- **Nationality of Applicant**: Indian

**Application details**

- **Number**: E 15
- **Date of receipt**: 04/01/2011
- **Date of acceptance**: 22/12/2011

**Crop (Taxonomical Lineage)**: Tomato [*Lycopersicon lycopersicum(L.)Karsten ex.Farw]*

**Denomination**: MHTM 256

**Type of Variety**: Extant (Variety of Common Knowledge)

**Classification of Variety**: Hybrid

**Previously proposed denomination**: NA

**Name of Parental Material**
- Parent 1: T 465
- Parent 2: T 1363

**Name of Reference Varieties**: Laxmi and US 618

**Variety Description:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant : Growth type</td>
<td>Determinate [Hisar Arun]</td>
</tr>
<tr>
<td>Leaflet : Serration</td>
<td>Less serrated [Kashi Sharad]</td>
</tr>
<tr>
<td>Fruit : Green shoulder(before maturity)</td>
<td>Absent [Kashi Anupam ]</td>
</tr>
<tr>
<td>Fruit : Shape in longitudinal section</td>
<td>Circular[Kashi Vishesh ]</td>
</tr>
<tr>
<td>Fruit : Colour at maturity</td>
<td>Red [Kashi Vishesh]</td>
</tr>
</tbody>
</table>
B. Distinct Characteristics:

MHTM 256 has distinguishing characters like open leaf structure, horizontal leaf attitude in relation to main stem in middle third of plant, horizontal leaf attitude of petioles in relation to main axis, absence of fruit green shoulder before maturity, circular fruit shape in longitudinal section, medium fruit ribbing at peduncle, pointed fruit shape at blossom end, more than four numbers of locules in fruit and red fruit colour at maturity.

C. Reference varieties:

1. Laxmi: It has distinguishing characters like open leaf structure, drooping leaf attitude in relation to main stem in middle third of plant, semi-erect leaf attitude of petioles in relation to main axis, absence of fruit green shoulder before maturity, slightly flattened fruit shape in longitudinal section, medium fruit ribbing at peduncle, flat shape of fruit at blossom end, more than four numbers of locules in fruit and pink fruit colour at maturity.

2. US 618: It has distinguishing characters like intermediate leaf structure, drooping leaf attitude in relation to main stem in middle third of plant, semi-erect leaf attitude of petioles in relation to main axis, presence of fruit green shoulder before maturity, slightly flattened fruit shape in longitudinal section, absence of fruit ribbing at peduncle, flat shape of fruit at blossom end, 3-4 numbers of locules in fruit and red fruit colour at maturity.

D. Date of commercialization of the variety

Commercialized since 04th December 2003.

E. Photographs: (See figure 18)

19. Application No. E 16 LL16 11 42 filed on 04/01/2011 by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Maharashtra Hybrid Seeds Company Limited, Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400 020 (Maharashtra), India for a extant (Variety of Common Knowledge) plant variety of crop Tomato [Lycopersicon lycopersicum (L.) Karsten ex.Farw] having denomination MHTM 301, the specification
includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on --------NA--------.

The convention application no. --------NA--------, in respect of the said variety has been filed on --------NA--------, in -----NA----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

**Passport data of the variety MHTM 301:**

**Applicant** : Maharashtra Hybrid Seeds Company Limited  
**Address of the Applicant** : Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400 020 (Maharashtra)  
**Nationality of Applicant** : Indian

**Application details**

<table>
<thead>
<tr>
<th>a. Number</th>
<th>E 16</th>
<th>LL16</th>
<th>11</th>
<th>42</th>
</tr>
</thead>
<tbody>
<tr>
<td>b. Date of receipt</td>
<td>04/01/2011</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Date of acceptance</td>
<td>07/12/2011</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Crop (Taxonomical Lineage)** : Tomato *Lycopersicon lycopersicum (L.)Karsten ex.Farw*  
**Denomination** : MHTM 301  
**Type of Variety** : Extant (Variety of Common Knowledge)  
**Classification of Variety** : Hybrid  
**Previously proposed denomination** : NA  
**Name of Parental Material**  
Parent 1: G 262  
Parent 2: ToLCV 87  
**Name of Reference Varieties** : Laxmi and US 618

**Variety Description:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
</table>
**B. Distinct Characteristics:**

*MHTM 301* has distinguishing characters like medium width of leaflet, intermediate structure of leaflet, semi-erect leaf attitude in relation to main stem, multi-lobed flower stigma, presence of green fruit shoulder, heart-shaped fruit in longitudinal section, weak ribbing at peduncle end of fruit, medium depression of fruit at peduncle, more than four number of locules in the fruit and red colour fruit at maturity.

**C. Reference varieties:**

1. **US 618:** It has distinguishing characters like medium width of leaflet, intermediate structure of leaflet, drooping leaf attitude in relation to main stem, bilobed flower stigma, presence of green fruit shoulder, slightly flattened fruit in longitudinal section, absence of ribbing at peduncle end of fruit, shallow depression of fruit at peduncle, three to four number of locules in the fruit and red colour fruit at maturity.

2. **Laxmi:** It has distinguishing characters like narrow width of leaflet, open structure of leaflet, drooping leaf attitude in relation to main stem, bilobed flower stigma, absence of green fruit shoulder, slightly flattened fruit in longitudinal section, medium ribbing at peduncle end of fruit, shallow depression of fruit at peduncle, more than four number of locules in the fruit and pink colour fruit at maturity.

**D. Date of commercialization of the variety**

Commercialized since 16th October 2008.

**E. Photographs:** (See figure 19)
behalf of Sungro Seeds Research Limited, 3\textsuperscript{rd} Floor, Manish Chambers, B.N. Block, Local Shopping Centre, Shalimar Bagh, Delhi-110088, India for a Extant (Variety of Common Knowledge) plant variety of crop Brinjal/ Eggplant \((Solanum melongena\ \text{L.})\) having denomination SBJH-801, the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number ---------NA---------on ---------NA--------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA------, in ---NA---.


Passport data of the variety SBJH-801:

\textbf{Applicant} : Sungro Seeds Research Limited  \\
\textbf{Address of the Applicant} : 3\textsuperscript{rd} Floor, Manish Chambers, B.N. Block, Local Shopping Centre, Shalimar Bagh, Delhi-110088, India  \\
\textbf{Nationality of Applicant} : Indian  \\
\textbf{Application details}  \\
\quad a. Number : [E17] [SM17] 11 45  \\
\quad b. Date of receipt : 04/01/2011  \\
\quad c. Date of acceptance : 17/11/2011  \\
\textbf{Crop (Taxonomical Lineage)} : Brinjal/ Eggplant \((Solanum melongena\ \text{L.})\)  \\
\textbf{Denomination} : SBJH-801  \\
\textbf{Type of Variety} : Extant (Variety of Common Knowledge)  \\
\textbf{Classification of Variety} : Hybrid  \\
\textbf{Previously proposed denomination} : NA  \\
\textbf{Name of Parental Material} : Parent 1: SBL 100141  \\
\textbf{Parent 2: SBL 110141}
### Name of Reference Varieties:

**BB-44 and Arka Kusumakar**

### Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruit: Length</td>
<td>Medium [Kashi Taru, Arka Shirish]</td>
</tr>
<tr>
<td>Fruit: Diameter</td>
<td>Medium [Pant Rituraj, Jabalpur Brinjal-15]</td>
</tr>
<tr>
<td>Fruit: General shape</td>
<td>Obovate [Swarna Shree, Swarna Shyamali]</td>
</tr>
<tr>
<td>Fruit: Colour of skin at commercial harvesting</td>
<td>Green [Arka Kusumakar, Arka Shirish]</td>
</tr>
<tr>
<td>Fruit: Stripes</td>
<td>Absent [Arka Keshav]</td>
</tr>
<tr>
<td>Fruit: Colour of calyx</td>
<td>Green [Arka Kusumakar, Arka Shirish]</td>
</tr>
</tbody>
</table>

#### B. Distinct Characteristics:

**SBJH-801** has distinguishing characters like presence of seedling anthocyanin colouration of hypocotyls in seedling, presence of anthocyanin colouration on stem, purple colour of flower, medium flowering time, medium fruit diameter, obovate fruit shape, indented apex of fruits, medium intensity of green colour of fruit skin, presence of fruit patches and solitary fruiting pattern.

#### C. Reference Varieties

**BB-44** has distinguishing characters like presence of seedling anthocyanin colouration of hypocotyls in seedling, absence of anthocyanin colouration on stem, dark purple colour of flower, late flowering time, small fruit diameter, obovate fruit shape, indented apex of fruits, dark intensity of green colour of fruit skin, presence of fruit patches and solitary fruiting pattern.

**Arka Kusumakar** has distinguishing characters like absence of seedling anthocyanin colouration of hypocotyls in seedling, absence of anthocyanin colouration on stem, greenish white colour of flower, late flowering time, small fruit diameter, cylindrical fruit shape, flattened apex of fruits, dark intensity of green colour of fruit skin, absence of fruit patches and cluster fruiting pattern.
E. Photographs: (See figure 20)

D. Date of commercialization of the variety

<table>
<thead>
<tr>
<th>Commercialized since 13th July 2007 as Hyb. No. 801</th>
</tr>
</thead>
</table>

21. Application No. E20   SM20   11   49 filed by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Sungro Seeds Research Limited, 3rd Floor, Manish Chsmbers, B.N. Block, Local Shopping Centre, Shalimar Bagh, Delhi-110088, India for a Extant (Variety of Common Knowledge) plant variety of crop Brinjal/ Eggplant (Solanum melongena L.) having denomination SBJH-033, the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on --------NA--------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA---.


Passport data of the variety SBJH-033:

<table>
<thead>
<tr>
<th>Applicant</th>
<th>: Sungro Seeds Research Limited</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address of the Applicant</td>
<td>: 3rd Floor, Manish Chsmbers, B.N. Block, Local Shopping Centre, Shalimar Bagh, Delhi-110088, India</td>
</tr>
<tr>
<td>Nationality of Applicant</td>
<td>: Indian</td>
</tr>
</tbody>
</table>

Application details

<table>
<thead>
<tr>
<th>a. Number</th>
<th>: E20   SM20   11   49</th>
</tr>
</thead>
<tbody>
<tr>
<td>b. Date of receipt</td>
<td>: 04/01/2011</td>
</tr>
<tr>
<td>c. Date of acceptance</td>
<td>: 17/11/2011</td>
</tr>
<tr>
<td>Crop (Taxonomical Lineage)</td>
<td>: Brinjal/ Eggplant (Solanum melongena L.)</td>
</tr>
</tbody>
</table>
Denomination: SBJH-033
Type of Variety: Extant (Variety of Common Knowledge)
Classification of Variety: Hybrid
Previously proposed denomination: NA
Name of Parental Material:
- Parent 1: SBL 100120
- Parent 2: SBL 110120
Name of Reference Varieties: PH-5 and Pusa Kranti

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruit: Length</td>
<td>Long [Arka Nidhi, Pusa Purple Long]</td>
</tr>
<tr>
<td>Fruit: Diameter</td>
<td>Small [Uttara, Arka Nidhi]</td>
</tr>
<tr>
<td>Fruit: General shape</td>
<td>Cylindrical [Arka Keshav]</td>
</tr>
<tr>
<td>Fruit: Colour of skin at commercial harvesting</td>
<td>Purple [Arka Nidhi, Pusa Purple Long]</td>
</tr>
<tr>
<td>Fruit: Stripes</td>
<td>Absent [Arka Keshav]</td>
</tr>
<tr>
<td>Fruit: Colour of calyx</td>
<td>Purple [Arka Kusumakar, Arka Shirish]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

SBJH-033 has distinguishing characters like absence of seedling anthocyanin colouration of hypocotyls in seedling, weak intensity of anthocyanin colouration on stem, entire leaf margin, green leaf blade colour, light purple flower colour, early flowering time, long fruit length, small fruit diameter, cylindrical fruit shape, green calyx of fruit, absence of spininess of calyx, solitary fruiting pattern and yellow colour of fruit skin

C. Reference Varieties

PH-5 has distinguishing characters like presence of seedling anthocyanin colouration of hypocotyls in seedling, very strong intensity of anthocyanin colouration on stem, dentate leaf margin, purple leaf blade colour, dark purple flower colour, medium flowering time, medium fruit length, small fruit diameter, ellipsoid fruit shape, purple calyx of fruit, weak spininess of
calyx, mixed fruiting pattern and brown colour of fruit skin.

**Pusa Kranti** has distinguishing characters like presence of seedling anthocyanin colouration of hypocotyls in seedling, medium intensity of anthocyanin colouration on stem, dentate leaf margin, purple leaf blade colour, purple flower colour, medium flowering time, long fruit length, ellipsoid fruit shape, green calyx of fruit, absence of spininess of calyx, solitary fruiting pattern and brown colour of fruit skin.

| D. Date of commercialization of the variety | Commercialized since 26th April 2004 as Hybrid No. 33 |

**E. Photographs:** (See figure 21)

22. Application No. [E 21 SM 21 11 51] filed on 04/01/2011 by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Sungro Seeds Research Limited, 3rd Floor, Manish Chambers, B.N. Block, Local Shopping Centre, Shalimar Bag, Delhi- 110 088, India for a extant (Variety of Common Knowledge) plant variety of crop Brinjal/Eggplant [Solanum melongena L.] having denomination SBJH-123-IMPROVED, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on ---------NA--------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA------, in ---NA----.


**Passport data of the variety SBJH-123-IMPROVED:**

**Applicant** : Sungro Seeds Research Limited

**Address of the Applicant** : 3rd Floor, Manish Chambers, B.N.Block, Local Shopping Centre, Shalimar Bag, Delhi-110 088 (India)

**Nationality of Applicant** : Indian
Application details

a. Number : E21 SM 21 11 051
b. Date of receipt : 04/01/2011
c. Date of acceptance : 22/12/2011

Crop (Taxonomical Lineage) : Eggplant [*Solanum melongena* L.]

Denomination : SBJH-123-IMPROVED

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed denomination : NA

Name of Parental Material : Parent 1: SBL 100113
Parent 2: SBL 110113

Name of Reference Varieties : PH-5 & Pusa Kranti

 Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruit : Length</td>
<td>Medium [Swarna, Prathibha]</td>
</tr>
<tr>
<td>Fruit : Diameter</td>
<td>Medium [Pant Rituraj, Jabalpur Brinjal-15]</td>
</tr>
<tr>
<td>Fruit : General shape</td>
<td>Club shaped [Pusa Purple, Clucter, Swetha]</td>
</tr>
<tr>
<td>Fruit : Colour of skin at commercial harvesting</td>
<td>Purple [Arka Nidhi, Pusa Purple Long]</td>
</tr>
<tr>
<td>Fruit : Stripes</td>
<td>Absent [Arka Keshav]</td>
</tr>
<tr>
<td>Fruit : Colour of calyx</td>
<td>Purple [Pusa Purple Long, Pusa Bindu]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

**SBJH-123- IMPROVED** has distinguishing characters like strong stem intensity of anthocyanin colouration, purple flower colour, medium fruit length and fruit diameter, club shaped fruit general shape, rounded fruit shape of apex, purple fruit colour of calyx, weak intensity of colour of calyz, absence of fruit spineness of calyx and solitary fruiting pattern.
C. Reference varieties:

1. **PH-5**: It has distinguishing characters like very strong stem intensity of anthocyanin colouration, dark purple purple flower colour, medium fruit length, small fruit diameter, ellipsoid fruit general shape, rounded fruit shape of apex, purple fruit colour of calyx, medium intensity of colour of calyz, weak fruit spineness of calyx and mixed fruiting pattern.

2. **Pusa Kranti**: It has distinguishing characters like medium stem intensity of anthocyanin colouration, purple flower colour, long fruit length, medium fruit diameter, ellipsoid shaped fruit general shape, flattened fruit shape of apex, green fruit colour of calyx, medium intensity of colour of calyz, absence of fruit spineness of calyx and solitary fruiting pattern.

<table>
<thead>
<tr>
<th>D. Date of commercialization of the variety</th>
<th>Exploited for developing PK-123 (Improved) which is under sale since 31st March 2004.</th>
</tr>
</thead>
</table>

E. Photographs: (See figure 22)

23. Application No. **E 29 SM 29 11 059** filed on 04/01/2011 by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Sungro Seeds Research Limited, 3rd Floor, Manish Chambers, B.N. Block, Local Shopping Centre, Shalimar Bag, Delhi- 110 088, India for a extant (Variety of Common Knowledge) plant variety of crop Brinjal/Eggplant [*Solanum melongena* L.] having denomination **SBJH-305**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -------NA-------on ---------NA-------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

**Passport data of the variety SBJH-305:**

**Applicant** : Sungro Seeds Research Limited
Address of the Applicant : 3rd Floor, Manish Chambers, B.N.Block, Local Shopping Centre, Shalimar Bag, Delhi-110 088 (India)

Nationality of Applicant : Indian

Application details
a. Number : E29 SM 29 11 059
b. Date of receipt : 04/01/2011
c. Date of acceptance : 17/11/2011

Crop (Taxonomical Lineage) : Brinjal/Eggplant [Solanum melongena L.]

Denomination : SBJH-305

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed denomination : NA

Name of Parental Material : Parent 1: SBL 100146
                        Parent 2: SBL 110146

Name of Reference Varieties : Blue Star & H-8

Variety Description:

A. Group Characteristics | Remarks measured values, example varieties, etc.
--------------------------|---------------------------------------------------
Fruit : Length            | Medium [Swarna, Prathibha]
Fruit : Diameter          | Medium [Pant Rituraj, Jabalpur Brinjal-15]
Fruit : General shape     | Obovate [Swarna Shree, Swarna Shyamali]
Fruit : Colour of skin at commercial harvesting | Purple [Arka Nidhi, Pusa Purple Long]
Fruit : Stripes           | Absent [Arka Keshav]
Fruit : Colour of calyx   | Purple [Pusa Purple Long, Pusa Bindu]

B. Distinct Characteristics:

SBJH-305 has distinguishing characters like medium stem intensity of anthocyanin colouration, medium stem pubescence, dentate leaf margin, dark leaf intensity of colour of blade, green leaf colour of veins, medium intensity of colour of veins, purple flower colour, medium fruit
diameter, large fruit length/diameter, obovate fruit general shape, indented fruit shape of apex, medium fruit intensity of purple colour of skin, presence of fruit patches, weak intensity of fruit colour of calyx, absence of fruit spininess of calyx, mixed fruiting pattern and semi spreading plant growth habit.

C. Reference varieties:
1. Blue Star: It has distinguishing characters like strong stem intensity of anthocyanin colouration, weak stem pubescence, sinuate leaf margin, medium leaf intensity of colour of blade, purple leaf colour of veins, medium leaf intensity of colour of vein, purple flower colour, medium fruit diameter, medium fruit length/diameter, obovate fruit general shape, indented fruit shape of apex, medium fruit intensity of purple colour of skin, presence of fruit patches, weak intensity of fruit colour of calyx, absence of fruit spininess of calyx, mixed fruiting pattern and semi spreading plant growth habit.
2. H-8: It has distinguishing characters like strong stem intensity of anthocyanin colouration, strong stem pubescence, denate leaf margin, medium leaf intensity of colour of blade, purple leaf colour of veins, dark leaf intensity of colour of vein, dark purple flower colour, large fruit diameter, large fruit length/diameter, globular fruit general shape, flattened fruit shape of apex, dark fruit intensity of purple colour of skin, absence of fruit patches, strong intensity of fruit colour of calyx, weak fruit spininess of calyx, solitary fruiting pattern and spreading plant growth habit.

D. Date of commercialization of the variety
| Commercialized since 25th June 2007 as Hybrid No. 305. |

E. Photographs: (See figure 23)

24. Application No. N 01 ZM 01 11 092 filed on 24/01/2011 by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Monsanto India Limited, 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri (East), Mumbai- 400093 India for a new plant variety of crop Maize [Zea Mays L.] having denomination IG 8011, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on --------NA--------.
The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules,2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

**Passport data of the variety IG 8011:**

**Applicant** : M/s Monsanto India Limited

**Address of the Applicant** : 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri (East), Mumbai-400093 (Maharashtra), India

**Nationality of Applicant** : USA

**Application details**

<table>
<thead>
<tr>
<th>a. Number</th>
<th>:</th>
<th>N 01</th>
<th>ZM01</th>
<th>11</th>
<th>092</th>
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<tbody>
<tr>
<td>b. Date of receipt</td>
<td>:</td>
<td>24/01/2011</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Date of acceptance</td>
<td>:</td>
<td>17/11/2011</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Crop (Taxonomical Lineage)** : Maize [*Zea mays* L.]

**Denomination** : IG 8011

**Type of Variety** : New

**Classification of Variety** : Hybrid

**Previously proposed denomination** : NA

**Name of Parental Material** : Parent 1: D 8118 Z

Parent 2: B 1630 Z

Parent 3: D 0423 Z

**Name of Reference Varieties** : DKC 9081 and 900 M Gold

**Variety Description:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tassel: Time of anthesis</td>
<td>Late[HKI 1126]</td>
</tr>
<tr>
<td>Ear: Time of silk emergence</td>
<td>Late[HKI 1126]</td>
</tr>
<tr>
<td>Ear: Anthocyanin colouration of silks</td>
<td>Absent[HKI 1025]</td>
</tr>
<tr>
<td>Plant: Length</td>
<td>Very long [African tall]</td>
</tr>
<tr>
<td>Ear: Type of grain</td>
<td>Semi dent [HKI 1344]</td>
</tr>
</tbody>
</table>

**B. Distinct Characteristics:**

*IG 8011* has distinguishing characters like absence of tassel anthocyanin colouration of base of glume (in middle third of main axis), absence of tassel anthocyanin colouration of glumes excluding base (in middle third of main axis), absence of tassel anthocyanin colouration of anthers (in middle third of main axis), straight tassel attitude of lateral branches, semi flint ear type of grain (in middle third of ear) and light purple ear anthocyanin colouration of glumes of cob.

**C. Reference varieties:**

1. **DKC 9081:** It has distinguishing characters like absence of tassel anthocyanin colouration of base of glume (in middle third of main axis), presence of tassel anthocyanin colouration of glumes excluding base (in middle third of main axis), presence of tassel anthocyanin colouration of anthers (in middle third of main axis), straight tassel attitude of lateral branches, dent ear type of grain (in middle third of ear) and dark purple ear anthocyanin colouration of glumes of cob.

2. **900 M Gold:** It has distinguishing characters like presence of tassel anthocyanin colouration of base of glume (in middle third of main axis), presence of tassel anthocyanin colouration of glumes excluding base (in middle third of main axis), presence of tassel anthocyanin colouration of anthers (in middle third of main axis), curved tassel attitude of lateral branches, dent ear type of grain (in middle third of ear) and white ear anthocyanin colouration of glumes of cob.

**D. Date of commercialization of the variety**

Not commercialized.

**E. Photographs:** (See figure 24a, b and c)

25. Application No.  | **N 03 ZM03 11 094** | filed on **24/01/2011** by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Monsanto India Limited, 5th Floor, Ahura Centre, 96,
Mahakali Caves Road, Andheri (East), Mumbai- 400093 India for a **new plant variety** of crop **Maize [Zea Mays L.]** having denomination **IG 8006**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on ---------NA--------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA---.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules,2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

**Passport data of the variety IG 8006:**

**Applicant** : M/s Monsanto India Limited

**Address of the Applicant** : 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri (East), Mumbai-400093 (Maharashtra), India

**Nationality of Applicant** : USA

**Application details**

<table>
<thead>
<tr>
<th>a. Number</th>
<th>N 03 ZM03 11 094</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>b. Date of receipt</th>
<th>24/01/2011</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>c. Date of acceptance</th>
<th>17/11/2011</th>
</tr>
</thead>
</table>

**Crop (Taxonomical Lineage)** : Maize [Zea mays L.]

**Denomination** : IG 8006

**Type of Variety** : New

**Classification of Variety** : Hybrid

**Previously proposed denomination** : NA

**Name of Parental Material**

<table>
<thead>
<tr>
<th>Parent 1</th>
<th>D 9411 Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parent 2</td>
<td>D 8118 Z</td>
</tr>
</tbody>
</table>

**Name of Reference Varieties** : PINNACLE & 900 M Gold

**Variety Description:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Character</th>
<th>Varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tassel : Time of anthesis</td>
<td>Late [HKI 1126]</td>
</tr>
<tr>
<td>Ear: Time of silk emergence</td>
<td>Late [HKI 1126]</td>
</tr>
<tr>
<td>Ear: Anthocyanin colouration of silks</td>
<td>Absent [HKI 1025]</td>
</tr>
<tr>
<td>Plant: Length</td>
<td>Very long [African tall]</td>
</tr>
<tr>
<td>Ear: Type of grain</td>
<td>Semi dent [HKI 1344]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

**IG 8006** has distinguishing characters like small leaf angle between blade and stem (on leaf just above the upper ear), straight leaf attitude of blade (on leaf just above upper ear), presence of stem anthocyanin colouration of brace roots, absence of tassel anthocyanin colouration of base of glume (in middle third of main axis), absence of tassel anthocyanin colouration of glumes excluding base (in middle third of main axis), absence of tassel anthocyanin colouration of anthers (in middle third of main axis), curved tassel attitude of lateral branches (in lower third of tassel), absence of ear anthocyanin colouration of silks, semi flint ear type of grain (in middle third of ear) and white ear anthocyanin colouration of glumes of cob.

C. Reference varieties:

1. **Pinnacle**: It has distinguishing characters like like wide leaf angle between blade and stem (on leaf just above the upper ear), drooping leaf attitude of blade (on leaf just above upper ear), absence of stem anthocyanin colouration of brace roots, absence of tassel anthocyanin colouration of base of glume (in middle third of main axis), absence of tassel anthocyanin colouration of glumes excluding base (in middle third of main axis), presence of tassel anthocyanin colouration of anthers (in middle third of main axis), sparse tassel density of spikelets (in middle third of main axis), straight tassel attitude of lateral branches (in lower third of tassel), presence of ear anthocyanin colouration of silks, dent ear type of grain (in middle third of ear) and light purple ear anthocyanin colouration of glumes of cob.

2. **900 M Gold**: It has distinguishing characters like wide leaf angle between blade and stem (on leaf just above the upper ear), drooping leaf attitude of blade (on leaf just above upper ear), absence of stem anthocyanin colouration of brace roots, presence of tassel anthocyanin colouration of base of glume (in middle third of main axis), presence of tassel anthocyanin colouration of base of glume (in middle third of main axis), absence of tassel anthocyanin colouration of anthers (in middle third of main axis), dense tassel density of spikelets (in middle third of main axis), curved tassel attitude of lateral branches (in lower third of tassel), absence of ear anthocyanin colouration of silks, semi flint ear type of grain (in middle third of ear) and white ear anthocyanin colouration of glumes of cob.
D. Date of commercialization of the variety

| D. Date of commercialization | Not commercialized |

E. Photographs: (See figure 25a, b and c)

26. Application No. E 05 AE 09 11 095 filed on 24/01/2011 by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Bioseed Research India Private Limited, Plot No. 206, Road No. 14, Jubilee Hills, Hyderabad- 500 033, India for a extant (Variety of Common Knowledge) plant variety of crop Okra [Abelmoschus esculentus (L.) Moench.] having denomination BIO 228 H, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on ----------NA--------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA---.


Passport data of the variety BIO 228 H:

Applicant : M/s Bioseed Research India Private Limited

Address of the Applicant : Plot No. 206, Road No. 14, Jubilee Hills
                      : Hyderabad- 500 033, India

Nationality of Applicant : Indian
Application details

a. Number : E 05 AE09 11 095
b. Date of receipt : 24/01/2011
c. Date of acceptance : 01/12/2011

Crop (Taxonomical Lineage) : Okra [Abelmoschus esculentus (L.) Moench.]
Denomination : BIO 228 H
Type of Variety : New
Classification of Variety : Hybrid
Previously proposed denomination : NA
Name of Parental Material : Parent 1: 62216
Parent 2: 62459
Name of Reference Varieties : Arka Anamika & Arka Vibhuti

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stem: Colour</td>
<td>Green [Kashi Vibhuti]</td>
</tr>
<tr>
<td>Leaf blade: Depth of lobing</td>
<td>Medium [Kashi Vibhuti]</td>
</tr>
<tr>
<td>Stem: Number of nodes at first flowering</td>
<td>Medium [Kashi Vibhuti]</td>
</tr>
<tr>
<td>Fruit: Colour</td>
<td>Green [SB-8]</td>
</tr>
<tr>
<td>Fruit: Number of locules</td>
<td>&lt;6 [Kashi Vibhuti]</td>
</tr>
<tr>
<td>Plant: Number of branches</td>
<td>Many [Prabhani Kranti/ Hisar Unnat]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

BIO 228 H has distinguishing characters like medium leaf blade depth of lobing, large blade length, large blade width, strong leaf blade serration of margin, dark leaf blade intensity of colour between veins, large flower length, large flower diameter (at the top of the flower) and green fruit colour.

C. Reference varieties:

1. Arka Anamika : It has distinguishing characters like medium leaf blade depth of lobing, medium blade length, medium blade width, medium leaf blade serration of margin, medium leaf
blade intensity of colour between veins, medium flower length, medium flower diameter (at the top of the flower) and light green fruit colour.

2. **Kashi Vibhuti**: It has distinguishing characters like shallow leaf blade depth of lobing, medium blade length, medium blade width, medium leaf blade serration of margin, medium leaf blade intensity of colour between veins medium flower length, medium flower diameter (at the top of the flower) and light green fruit colour.

| **D. Date of commercialization of the variety** | Commercialized since 16th February 2008. |

E. **Photographs**: (See figure 26)

27. Application No. [N3] [LL32] [11] [154] filed on 22/02/2011 by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Monsanto Holdings Pvt. Ltd., 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri(East), Mumbai-400 093 for a new plant variety of crop Tomato (*Lycopersicon lycopersicum* (L.) Karsten ex. Farw) having denomination RX15660814, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on --------NA--------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA------, in ---NA----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

**Passport data of the variety RX15660814:**

- **Applicant**: Monsanto Holdings Pvt. Ltd.
- **Address of the Applicant**: 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri (East), Mumbai-400 093
- **Nationality of Applicant**: Indian
- **Application details**: [N3] [LL32] [11] [154]
a. Number : 

b. Date of receipt : 22/02/2011

c. Date of acceptance : 16/01/2012

**Crop (Taxonomical Lineage)** : Tomato [*Lycopersicon lycopersicum* (L.) Karsten ex.Farw] 

**Denomination** : RX15660814 

**Type of Variety** : New 

**Classification of Variety** : Hybrid 

**Previously proposed Denomination** : NA 

**Name of Parental Material** : Parent 1: FDR-9P06067 
Parent 2: FDR-16-2125 

**Name of Reference Varieties** : Lakshmi & S-22 

**Variety Description:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant : Growth type</td>
<td>Determinate [Hisar Arun]</td>
</tr>
<tr>
<td>Leaflet : Serration</td>
<td>Less serrated [Kashi Shard]</td>
</tr>
<tr>
<td>Fruit : Green shoulder(before maturity)</td>
<td>Absent [Kashi Anupam]</td>
</tr>
<tr>
<td>Fruit : Shape in longitudinal section</td>
<td>Slightly Flattened [Kashi Anupam]</td>
</tr>
<tr>
<td>Fruit : Colour at maturity</td>
<td>Red [Kashi Vishesh]</td>
</tr>
</tbody>
</table>

**B. Distinct Characteristics:**

RX15660814 has distinguishing characters like medium anthocyanin coloration of upper third portion of stem, less serrated leaflet, medium time of flowering, bilobed flower stigma, large fruit size, slightly flattened shape of fruit in longitudinal section, weak ribbing at peduncle end of fruit, flat shape of fruit at blossom end, 3-4 number of locules of fruit and medium time of maturity.

**C. Reference varieties:**

1. **Lakshmi** has distinguishing characters like weak anthocyanin coloration of upper third portion of stem, less serrated leaflet, early time of flowering, unilobed flower stigma, large fruit size, slightly flattened shape of fruit in longitudinal section, weak ribbing at peduncle end of fruit, flat shape of fruit at blossom end, >4 number of locules of fruit and early time of maturity.

2. **S-22** has distinguishing characters like medium anthocyanin coloration of upper third portion
of stem, highly serrated leaflet, medium time of flowering, unilobed flower stigma, medium fruit size, flattened shape of fruit in longitudinal section, strong ribbing at peduncle end of fruit, indented to flat shape of fruit at blossom end, >4 number of locules of fruit and medium time of maturity.

<table>
<thead>
<tr>
<th><strong>D. Date of commercialization</strong></th>
<th>Not commercialized.</th>
</tr>
</thead>
</table>

**E. Photographs:** (See figure 27a and b)

28. Application No. [N4 LL33 11 155] filed on 22/02/2011 by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Monsanto Holdings Pvt. Ltd., 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri(East), Mumbai-400 093 for a new plant variety of crop Tomato [Lycopersicon lycopersicum (L.) Karsten ex. Farw] having denomination RX15640414, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number [---------NA-------] on [---------NA--------].

The convention application no. [---------NA-----], in respect of the said variety has been filed on [---------NA------], in [---------NA-------].

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

**Passport data of the variety RX15640414:**

**Applicant**: Monsanto Holdings Pvt. Ltd.

**Address of the Applicant**: 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri (East), Mumbai-400 093

**Nationality of Applicant**: Indian

**Application details**

- Number: [N4 LL33 11 155]
- Date of receipt: 22/02/2011
c. Date of acceptance: 16/01/2012

**Crop (Taxonomical Lineage):** Tomato [Lycopersicon lycopersicum (L.) Karsten ex.Farw]

**Denomination:** RX15640414

**Type of Variety:** New

**Classification of Variety:** Hybrid

**Previously proposed Denomination:** NA

**Name of Parental Material:**
- Parent 1: FDR-9P06215
- Parent 2: FDR-877-2332

**Name of Reference Varieties:** US-618 and PKM-1

**Variety Description:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant : Growth type</td>
<td>Determinate [Hisar Arun]</td>
</tr>
<tr>
<td>Leaflet : Serration</td>
<td>Highly serrated [Hisar Arun]</td>
</tr>
<tr>
<td>Fruit : Green shoulder(before maturity)</td>
<td>Present [Flora Dade]</td>
</tr>
<tr>
<td>Fruit : Shape in longitudinal section</td>
<td>Slightly flattened [Kashi Anupam]</td>
</tr>
<tr>
<td>Fruit : Colour at maturity</td>
<td>Red [Kashi Vishesh]</td>
</tr>
</tbody>
</table>

**B. Distinct Characteristics:**

RX15640414 has distinguishing characters like medium anthocyanin coloration of upper third portion of stem, long length of leaf, intermediate leaf structure, medium calyx size of flower, medium time of flowering, very large fruit size, medium fruit length, medium fruit width, slightly flattened shape of fruit in longitudinal section, medium ribbing at peduncle end of fruit, thick pericarp of fruit, 3-4 number of locules of fruit and medium firmness of fruit.

**C. Reference varieties:**

1. **US-618** has distinguishing characters like medium anthocyanin coloration of upper third portion of stem, long length of leaf, intermediate leaf structure, large calyx size of flower, medium time of flowering, large fruit size, small fruit length, medium fruit width, flattened shape of fruit in longitudinal section, weak ribbing at peduncle end of fruit, thick pericarp of fruit, 3-4 number of locules of fruit and medium firmness of fruit.

2. **PKM-1** has distinguishing characters like strong anthocyanin coloration of upper third portion
of stem, medium length of leaf, closed leaf structure, medium calyx size of flower, early time of flowering, medium fruit size, small fruit length, small fruit width, flattened shape of fruit in longitudinal section, strong ribbing at peduncle end of fruit, medium pericarp of fruit, >4 number of locules of fruit and soft firmness of fruit.

| D. Date of commercialization of the variety | Not Commercialized |

E. Photographs: (See figure 28a and b)

29. Application No. N5 LL34 11 156 filed on 22/02/2011 by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Monsanto Holdings Pvt. Ltd., 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri(East), Mumbai-400 093 for a new plant variety of crop Tomato [Lycopersicon lycopersicum ( L.) Karsten ex. Farw] having denomination RX15672356, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on -----------NA--------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA------, in ---NA----.


Passport data of the variety RX15672356:

<table>
<thead>
<tr>
<th>Applicant</th>
<th>Monsanto Holdings Pvt. Ltd.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address of the Applicant</td>
<td>5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri (East), Mumbai-400 093</td>
</tr>
<tr>
<td>Nationality of Applicant</td>
<td>Indian</td>
</tr>
<tr>
<td>Application details</td>
<td>N5 LL34 11 156</td>
</tr>
</tbody>
</table>
b. Date of receipt : 22/02/2011
c. Date of acceptance : 16/01/2012

Crop (Taxonomical Lineage) : Tomato [Lycopersicon lycopersicum( L.) Karsten ex.Farw]
Denomination : RX15672356
Type of Variety : New
Classification of Variety : Hybrid

Previously proposed Denomination: NA
Name of Parental Material : Parent 1: FDS 156-0191
Parent 2: FDS-9P06140
Name of Reference Varieties : Shaktiman and All Rounder

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant : Growth type</td>
<td>Determinate [Hisar Arun]</td>
</tr>
<tr>
<td>Leaflet : Serration</td>
<td>Less serrated [Kashi Shard]</td>
</tr>
<tr>
<td>Fruit : Green shoulder(before maturity)</td>
<td>Absent [Kashi Anupam]</td>
</tr>
<tr>
<td>Fruit : Shape in longitudinal section</td>
<td>Obovoid [Kashi Sharad ]</td>
</tr>
<tr>
<td>Fruit : Colour at maturity</td>
<td>Red [Kashi Vishesh]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B. Distinct Characteristics:</th>
</tr>
</thead>
<tbody>
<tr>
<td>RX15672356 has distinguishing characters like light intensity of green colour of leaf, less serrated leaflet, intermediate leaf structure, horizontal attitude of leaf in relation to main stem, horizontal attitude of petioles of leaflets in relation to main axis, uniparous type of inflorescence, unilobe stigma of flower, medium time of flowering, light intensity of green colour in fruit, very large size of fruit, medium fruit width, obovoid shape of fruit in longitudinal section, absence of ribbing at peduncle end of fruit and medium time of maturity.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C. Reference varieties:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Shaktiman has distinguishing characters like dark intensity of green colour of leaf, less serrated leaflet, intermediate leaf structure, semi-erect attitude of leaf in relation to main stem, semi-erect attitude of petioles of leaflets in relation to main axis, uniparous type of</td>
</tr>
</tbody>
</table>
inflorescence, unilobe stigma of flower, early time of flowering, medium intensity of green colour in fruit, large size of fruit, small fruit width, ovoid shape of fruit in longitudinal section, weak ribbing at peduncle end of fruit and medium time of maturity.

2. **All Rounder** has distinguishing characters like light intensity of green colour of leaf, highly serrated leaflet, open leaf structure, drooping attitude of leaf in relation to main stem, semi-drooping attitude of petioles of leaflets in relation to main axis, intermediate type of inflorescence, bilobed stigma of flower, early time of flowering, light intensity of green colour in fruit, large size of fruit, medium fruit width, obovoid shape of fruit in longitudinal section, weak ribbing at peduncle end of fruit and early time of maturity.

<table>
<thead>
<tr>
<th>D. Date of commercialization of the variety</th>
<th>Not Commercialized</th>
</tr>
</thead>
</table>

E. Photographs: (See figure 29a and b)

30. Application No. **N6** LL35 11 157 filed on 22/02/2011 by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Monsanto Holdings Pvt. Ltd., 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri(East), Mumbai-400 093 for a **new plant variety** of crop Tomato [Lycopersicon lycopersicum (L.) Karsten ex. Farw] having denomination RX15660635, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on --------NA--------.

The convention application no. ------NA------, in respect of the said variety has been filed on ----NA------, in ---NA---.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

**Passport data of the variety RX15660635:**

**Applicant** : Monsanto Holdings Pvt. Ltd.
Address of the Applicant: 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri (East), Mumbai-400 093

Nationality of Applicant: Indian

Application details:
- Number: N6 LL35 11 157
- Date of receipt: 22/02/2011
- Date of acceptance: 16/01/2012

Crop (Taxonomical Lineage): Tomato [Lycopersicon lycopersicum (L.) Karsten ex.Farw]

Denomination: RX15660635

Type of Variety: New

Classification of Variety: Hybrid

Previously proposed Denomination: NA

Name of Parental Material:
- Parent 1: FDS-9P06183
- Parent 2: FDS-9P06132

Name of Reference Varieties: Shaktiman and TO-1389

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Growth type</td>
<td>Determinate [Hisar Arun]</td>
</tr>
<tr>
<td>Leaflet: Serration</td>
<td>Less serrated [Kashi Shard]</td>
</tr>
<tr>
<td>Fruit: Green shoulder(before maturity)</td>
<td>Absent [Kashi Anupam]</td>
</tr>
<tr>
<td>Fruit: Shape in longitudinal section</td>
<td>Obovoid [Kashi Sharad ]</td>
</tr>
<tr>
<td>Fruit: Colour at maturity</td>
<td>Red [Kashi Vishesh]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

RX15660635 has distinguishing characters like medium intensity of green colour of leaf, less serrated leaflet, uniparous type of inflorescence, presence of pubescence of flower, unilobed flower stigma, obovoid shape of fruit in longitudinal section, absence of ribbing at peduncle end of fruit, medium size of scar around peduncle in fruit and 2 number of locules in fruit.

C. Reference varieties:

1. Shaktiman has distinguishing characters like dark intensity of green colour of leaf, less
serrated leaflet, uniparous type of inflorescence, presence of pubescence of flower, unilobed flower stigma, ovoid shape of fruit in longitudinal section, weak ribbing at peduncle end of fruit, small size of scar around peduncle in fruit and 3-4 number of locules in fruit.

2. **TO-1389** has distinguishing characters like medium intensity of green colour of leaf, highly serrated leaflet, intermediate type of inflorescence, absence of pubescence of flower, bilobed flower stigma, ovoid shape of fruit in longitudinal section, weak ribbing at peduncle end of fruit, small size of scar around peduncle in fruit and 3-4 numbers of locules in fruit.

<table>
<thead>
<tr>
<th><strong>D. Date of commercialization of the variety</strong></th>
<th>Not commercialized.</th>
</tr>
</thead>
</table>

E. Photographs: (See figure 30a and b)

31. Application No. **N1 BB5 11 171** filed on **25/02/2011** by **Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Monsanto Holdings Pvt. Ltd., 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri(East), Mumbai-400 093** for a **New plant variety** of crop **Cauliflower** [*Brassica oleracea* L.var. *botrytis*] having denomination **RX10950175**, the specification includes its drawing and or photograph(s) which are given below, has been accepted and given registration number --------NA--------on --------NA--------.

The convention application no. ----NA----, in respect of the said variety has been filed on -----NA------, in ---NA----.

Appropriate office for the opposition of proceedings under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

**Passport data of the variety RX10950175:**

**Applicant** : Monsanto Holdings Pvt. Ltd.

**Address of the Applicant** : 5th Floor, Ahura Centre, 96, Mahakali Caves Road, Andheri (East), Mumbai-400 093
Nationality of Applicant : Indian

Application details
a. Number : N1 BB5 11 171
b. Date of receipt : 25/02/2011
c. Date of acceptance : 16/01/2012

Crop (Taxonomical Lineage) : Cauliflower \([Brassica oleracea \text{ L.var. botrytis}]\)

Denomination : RX10950175

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed denomination: NA

Name of Parental Material : Parent 1: CTR-56-4007A
                                 Parent 2: CTR-109-0585B

Name of Reference Varieties : First Early & White Shot

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seedling: Anthocyanin coloration of</td>
<td>Present [Pusa Snowball K-1, Pusa Snowball K-25]</td>
</tr>
<tr>
<td>hypocotyls</td>
<td></td>
</tr>
<tr>
<td>Curd: Covering by inner leaves</td>
<td>Not covered [Pusa Deepali, Kashi Kunwari, Pusa Himjyoti, Pusa Meghna, Pusa Kartik Sankar, Pusa Early Synthetic]</td>
</tr>
<tr>
<td>Curd: Shape in Longitudinal Section</td>
<td>Circular [Pusa Himjyoti]</td>
</tr>
<tr>
<td>Maturity Group</td>
<td>Early [Pusa Deepali, Pusa Meghna, Pusa Early Synthetic, Kashi Kunwari, Pusa Kartik Sankar]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

RX10950175 has distinguishing characters like medium leaf width, light green leaf colour, absence of torsion of tip of leaf, early curd initiation, curd not covered by inner leaves, medium curd polar diameter, circular shape of curd in longitudinal section, medium curd knobbing, coarse texture of curd and medium compactness of curd.
C. Reference varieties:

1. First Early: It has distinguishing characters like narrow leaf width, dark green leaf colour, weak torsion of tip of leaf, medium curd initiation, curd not covered by inner leaves, small curd polar diameter, broad elliptical shape of curd in longitudinal section, fine curd knobbing, fine texture of curd and compact compactness of curd.

2. White Shot: It has distinguishing characters like like narrow leaf width, dark green leaf colour, weak torsion of tip of leaf, medium curd initiation, curd partly covered by inner leaves, medium curd polar diameter, broad elliptical shape of curd in longitudinal section, medium curd knobbing, coarse texture of curd and medium compactness of curd.

D. Date of commercialization of the variety

| Date of commercialization | Not commercialized. |

E. Photographs: (See figure 31)

32. Application No. N 03  TA 03  11  255 filed on 01/06/2011 by Director, Indian Agricultural Research Institute, New Delhi– 110012, India on behalf of Indian Council of Agricultural Research (ICAR), Krishi Bhawan, New Delhi- 110 114, India for a new plant variety of crop Bread wheat [Triticul aestivum L.] having denomination HD 2985 (PUSA BASANT), the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on --------NA--------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in -----NA-----.


Passport data of the variety HD 2985 (PUSA BASANT):

| Applicant                | Indian Council of Agricultural Research (ICAR) |
Address of the Applicant: Krishi Bhawan, New Delhi-110014

Nationality of Applicant: Indian

Application details:
- a. Number: N03 TA 03 11 255
- b. Date of receipt: 01/06/2011
- c. Date of acceptance: 01/12/2011

Crop (Taxonomical Lineage): Bread wheat \(\text{Triticum aestivum L.}\)

Denomination: HD 2985 (PUSA BASANT)

Type of Variety: New

Classification of Variety: Typical

Previously proposed denomination: NA

Name of Parental Material: PBW 343/PASTOR

Name of Reference Varieties: DBW 14 & HUW 234

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flag leaf: Anthocyanin colouration of auricle</td>
<td>Absent [AKW 1071, CPAN 3004]</td>
</tr>
<tr>
<td>Time of ear emergence</td>
<td>Medium [AKW 1071, HD 2281]</td>
</tr>
<tr>
<td>Plant length</td>
<td>Medium [HD 2009, DL 784-3]</td>
</tr>
<tr>
<td>Awn or scurs: Presence</td>
<td>Awns present [PBW 322, PBW 343]</td>
</tr>
<tr>
<td>Outer glume: Pubscence</td>
<td>Absent [AKW 381]</td>
</tr>
<tr>
<td>Ear : Colour</td>
<td>White [HD 2009, AKW 1071]</td>
</tr>
<tr>
<td>Season type</td>
<td>Spring type [PBW 373, PBW 322]</td>
</tr>
<tr>
<td>Grain hardness</td>
<td>Hard [NP 4/K 68]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

**HD 2985 (PUSA BASANT)** has distinguishing characters like semi erect plant growth habit, green foliage colour, semi- erect flag leaf attitude, absence of outer glume pubscence, medium plant length, medium ear density, long beak length, straight lower glume beak shape and medium seed size (weight of 1000 grains).
C. Reference varieties:

1. **DBW 14**: It has distinguishing characters like semi erect plant growth habit, green foliage colour, drooping flag leaf attitude, absence of outer glume pubescence, medium plant length, medium ear density, long beak length, straight lower glume beak shape and bold seed size (weight of 1000 grains).

2. **PBW 65**: It has distinguishing characters like semi erect plant growth habit, green foliage colour, drooping flag leaf attitude, absence of outer glume pubescence, tall plant length, medium ear density, medium beak length, square lower glume beak shape and medium seed size (weight of 1000 grains).

---

**D. Date of commercialization of the variety**

<table>
<thead>
<tr>
<th>Date of Commercialization</th>
<th>Commercialized since 25(^{th}) March 2011.</th>
</tr>
</thead>
</table>

**E. Photographs**: (Not provided)

---

33. Application No. **N04 TA 04 11 256** filed on **01/06/2011** by **Director, Indian Agricultural Research Institute, New Delhi– 110012, India** on behalf of **Indian Council of Agricultural Research (ICAR), Krishi Bhawan, New Delhi- 110 114, India** for a **new plant variety** of crop **Bread wheat** [*Triticum aestivum* L.] having denomination **HD 2987 (PUSA BAHAR)**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on --------NA--------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA------, in ---NA---.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules,2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

**Passport data of the variety HD 2987 (PUSA BAHAR):**

<table>
<thead>
<tr>
<th>Applicant</th>
<th>Indian Council of Agricultural Research (ICAR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address of the Applicant</td>
<td>Krishi Bhawan, New Delhi-110014</td>
</tr>
<tr>
<td>Nationality of Applicant</td>
<td>Indian</td>
</tr>
</tbody>
</table>
Application details

a. Number: N04 TA 04 11 256
b. Date of receipt: 01/06/2011
c. Date of acceptance: 01/12/2011

Crop (Taxonomical Lineage): Bread wheat \([Triticum aestivum \text{ L.}]\)

Denomination: HD 2987 (PUSA BAHAR)

Type of Variety: New

Classification of Variety: Typical

Previously proposed denomination: NA

Name of Parental Material: HI 1011/HD 2348/MENDOS/IWP 72/DL 153-2

Name of Reference Varieties: NI 5439 & HD 2189

Variety Description:

**A. Group Characteristics**

<table>
<thead>
<tr>
<th>Flag leaf: Anthocyanin colouration of auricle</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absent [AKW 1071, CPAN 3004]</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time of ear emergence</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early [Sonalika, DL 788-2]</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plant length</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short [HD 1941, K 816]</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Awn or scurs: Presence</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Awns present [PBW 322, PBW 343]</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outer glume: Pubscence</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absent [AKW 381]</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ear: Colour</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>White [HD 2009, AKW 1071]</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Season type</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring type [PBW 373, PBW 322]</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grain hardness</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard [NP 4, K 68]</td>
<td></td>
</tr>
</tbody>
</table>

**B. Distinct Characteristics:**

**HD 2987 (PUSA BAHAR)** has distinguishing characters like semi erect plant growth habit, green foliage colour, semi-erect flag leaf attitude, absence of outer glume pubscence, short plant length, medium ear density, medium beak length, straight lower glume beak shape and medium seed size (weight of 1000 grains).

**C. Reference varieties:**

1. **NI 5439**: It has distinguishing characters like intermediate plant growth habit, green foliage
colour, semi erect flag leaf attitude, absence of outer glume pubescence, tall plant length, medium ear density, medium beak length, strongly curved lower glume beak shape and medium seed size (weight of 1000 grains).

2. **HD 2189**: It has distinguishing characters like semi erect plant growth habit, green foliage colour, semi drooping flag leaf attitude, absence of outer glume pubescence, tall plant length, medium ear density, medium beak length, moderately curved lower glume beak shape and medium seed size (weight of 1000 grains).

<table>
<thead>
<tr>
<th>D. Date of commercialization of the variety</th>
<th>Commercialized since 25th March 2011.</th>
</tr>
</thead>
</table>

E. Photographs: (Not provided)

34. Application No. N05 TA 05 11 257 filed on 01/06/2011 by **Director, Indian Agricultural Research Institute, New Delhi– 110012, India** on behalf of **Indian Council of Agricultural Research (ICAR), Krishi Bhawan, New Delhi- 110 114, India** for a **new plant variety** of crop **Bread wheat** [*Triticum aestivum* L.] having denomination **HD 2967**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number ---------NA--------on ---------NA--------.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA---.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers’ Rights Rules,2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

**Passport data of the variety HD 2967:**

<table>
<thead>
<tr>
<th>Applicant</th>
<th>: Indian Council of Agricultural Research (ICAR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address of the Applicant</td>
<td>: Krishi Bhawan, New Delhi-110001</td>
</tr>
<tr>
<td>Nationality of Applicant</td>
<td>: Indian</td>
</tr>
<tr>
<td>Application details</td>
<td>N05 TA 05 11 257</td>
</tr>
</tbody>
</table>
a. Number : 

b. Date of receipt : 01/06/2011

c. Date of acceptance : 01/12/2011

Crop (Taxonomical Lineage) : Bread wheat \textit{Triticum aestivum} L.

Denomination : HD 2967

Type of Variety : New

Classification of Variety : Typical

Previously proposed
denomination : NA

Name of Parental Material : ALD/COC/URESH/HD 2160 M/HD 2278

Name of Reference Varieties : PBW 343 & HD 2687

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flag leaf: Anthocyanin colouration of auricle</td>
<td>Absent [AKW 1071, CPAN 3004]</td>
</tr>
<tr>
<td>Time of ear emergence</td>
<td>Medium [AKW 1071, HD 2281]</td>
</tr>
<tr>
<td>Plant length</td>
<td>Medium [HD 2009, DL 784-3]</td>
</tr>
<tr>
<td>Awn or scurs : Presence</td>
<td>Awns present [PBW 322, PBW 343]</td>
</tr>
<tr>
<td>Outer glume: Pubscence</td>
<td>Absent [AKW 381]</td>
</tr>
<tr>
<td>Ear : Colour</td>
<td>White [HD 2009, AKW 1071]</td>
</tr>
<tr>
<td>Season type</td>
<td>Spring type [PBW 373, PBW 322]</td>
</tr>
<tr>
<td>Grain hardness</td>
<td>Hard [NP 4, K 68]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

HD 2987 (PUSA BAHAR) has distinguishing characters like medium awn attitude, medium lower glume shoulder width, elevated lower glume shoulder shape and bent peduncle attitude.

C. Reference varieties:

1. PBW 343: It has distinguishing characters like spreading awn attitude, broad lower glume shoulder width, square lower glume shoulder shape and straight peduncle attitude.

2. HD 2687: It has distinguishing characters like like spreading awn attitude, broad lower glume shoulder width, square lower glume shoulder shape and straight peduncle attitude.
D. Date of commercialization of the variety

Commercialized since 19th October 2009.

E. Photographs: (Not provided)
Photograph of candidate varieties notified in Plant Variety Journal of India, Vol. - 06, No.- 02, February 01, 2012

चित्र 01:
Figure 01: Black gram: NUL-7 (Vishwas)

चित्र 02:
Figure 02: Tetraploid Cotton: INDAM-1

चित्र 03:
Figure 03: Sorghum: NSH-54


**Figure 04:** Pearl millet: Nirmal-40 (NPH-40)

*Figure 04a:* View of spike

*Figure 04b:* View of node and internode

*Figure 04c:* View of blade

*Figure 04d:* View of spike

*Figure 04e:* View of spike anther colour

**Figure 05:** Tetraploid Cotton: BIO 6025412

*Figure 05a:* View of leaf

*Figure 05b:* View of boll
**Figure 06:** Rice: Silky-277

**Figure 06a:** View of crop

**Figure 06b:** View of seed

**Figure 07:** Maize: NSCL-63 (SWEET CORN)

**Figure 07a:** General view of leaf and silk

**Figure 07b:** General view of tassel

**Figure 07c:** General view of glumes and anther

**Figure 07d:** General view of ear and kernel
Figure 08: Pearl millet: KBR 864

Figure 08a: View of anther colour & tip sterility

Figure 09: Brinjal/ Eggplant: MEBH 39-Improved

Figure 09: View of general shape, colour of skin at commercial harvest, stripes, colour of calyx and spininess of fruit

Figure 10: Tomato: ANVITHA-1032

Figure 10a: View of stem length

Figure 10b: View of fruit intensity of green colour

Figure 10c: View of number of fruit locules
Figure 11: Cauliflower: HOT QUEEN

Figure 12: Cauliflower: NCFD-56

Figure 13: Cauliflower: NCFD-53

Figure 14: Tomato: IMPROVE BHAGYA

Figure 14a: View intensity of green colour of fruit

Figure 14b: View of fruit ribbing at peduncle end
Figure 15: Tomato: IMPROVE SHREYA

Figure 15a: View of Internode stem length

Figure 15b: View of fruit ribbing at peduncle end

Figure 16: Okra: MHOK 64

Figure 16: View of colour of flower petal base

Figure 17: Okra: MHOK 55

Figure 17: View of colour of flower petal base

Figure 18: Tomato: MHTM 256

Figure 18: View of shape in longitudinal section, ribbing at peduncle end and colour at maturity of fruit

Figure 19: Tomato: MHTM 301

Figure 19: View of green shoulder (before maturity), ribbing at peduncle end and colour at maturity of fruit
Figure 20: Brinjal/ Eggplant: SBJH-801

Figure 21: Brinjal/ Eggplant: SBJH-033

Figure 22: Eggplant: SBJH-123-IMPROVED

Figure 23: Eggplant: SBJH-305

Figure 24: Maize: IG 8011

Figure 20: View of general shape, colour of skin at commercial harvest, intensity of green colour of skin, frit patches, glossiness at harvest maturity, size and colour of calyx and length of peduncle of fruit.

Figure 21: View of length, general shape, curvature, colour of skin at commercial harvest, intensity of purple colour of skin, glossiness at harvest maturity, size and colour of calyx and length of peduncle of fruit.

Figure 22: View of fruit

Figure 23: View of fruit

Figure 24a: View of crop

Figure 24b: View of tassel attitude

Figure 24c: View of kernel
Figure 25: Maize: IG 8006
Figure 25a: View of crop
Figure 25b: View of attitude of blade
Figure 25c: View of kernel

Figure 26: Okra: BIO 228 H
Figure 26: View of leaf blade

Figure 27: Tomato: RX15660814
Figure 27a: View of plant
Figure 27b: View of fruit
**Figure 28:** Tomato: RX15640414

**Figure 29:** Tomato: RX15672356

**Figure 30:** Tomato: RX15660635

**Figure 31:** Cauliflower: RX10950175
PUBLIC NOTICE

Sub: Advertisement is given under sub-section (2) and (3) of Section 21 of the Protection of Plant Varieties and Farmers’ Rights Act, 2001 for registration of farmers’ variety [Section 2(j)(ii)] read with Rules 30 and 31 of PPV & FR Rules, 2003

It is hereby advertised that the application(s) for registration of farmers’ varieties (falling within the definition of extant variety) listed herein have been accepted by the Registrar, Protection of Plant Varieties & Farmers’ Rights Authority. The passport data of each variety furnished by the applicant are herewith advertised as specified for calling objections from the interested persons in the matter.

The place or places where the specimen of the variety may be inspected can be obtained in writing from the Registrar of the PPV & FR Authority.

Any person may, within three months from the date of advertisement of the application(s) give notice of opposition in writing to the registration of variety (as per Form PV-3 of the First Schedule of PPV&FR Rules, 2003). Oppositions, if any, to the registration must be submitted, in triplicate, to the Registrar, PPV&FRA, NASC Complex, DPS Marg, New Delhi -110 012 accompanied with the fee of Rs.1,500/- (Rupees One Thousand and Five Hundred Only) by way of Demand Draft drawn in favour of “The Registrar, PPV & FR Authority” payable at New Delhi.
FORM O - 1
(See Rule 30)
Government of India, Plant Varieties Registry
Advertisement of accepted application for registration

01. Application No. [F2 TA 5 09 284] filed on 09/06/2009 by Dr. PN Minhas, Director of Research, Punjab Agricultural University, Ludhiana, Punjab- 141 004 on behalf of Kuldeep Singh Sandhu S/o S. Faujadar Singh Sandhu, Village & Post office Banur, District Patiala, Punjab, India for a Farmers’ variety of crop Bread Wheat [Triticum aestivum L.] having denomination Wheat Ravi No. 1, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number ---- -----NA --------on ----------------- NA -----

The convention application no. ----NA----, in respect of the said variety has been filed on ----NA------, in ---NA---.


Passport data of the variety KUDRAT 9:
Applicant : Shri Prakash Singh Raghuvanshi
Address of the Applicant : Village – Tadiya, Dhandhorpur, Post – Jakhini, Varanasi, Uttar Pradesh – 221 305, India
Nationality of Applicant : Indian
Application details
a. Number : [F2 TA5 09 284]
b. Date of receipt : 09.06.2009
C. Date of acceptance : 07.11.2011
Crop (Taxonomical Lineage) : Bread Wheat [Triticum aestivum L.]
Denomination : Wheat Ravi No. 1
Type of Variety : Farmers’ variety
Classification of Variety: Typical
Previously proposed: Not applicable
Denomination

Name of Parental Material: Single plant selection from C 273
Name of Reference Varieties: Tawa 267 & KSML 3

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flag leaf: Anthocynin colouration of auricles</td>
<td>Absent</td>
</tr>
<tr>
<td>Ear: Time of emergence (first spikelet visible on 50% of ears)</td>
<td>Late</td>
</tr>
<tr>
<td>Plant: Length (excluding awns/ scurs)</td>
<td>Long</td>
</tr>
<tr>
<td>Awns or scurs: Presence</td>
<td>Awns present</td>
</tr>
<tr>
<td>Outer glume: Pubescence</td>
<td>Very strong</td>
</tr>
<tr>
<td>Ear: Colour</td>
<td>Light brown</td>
</tr>
<tr>
<td>Season: Type</td>
<td>---</td>
</tr>
<tr>
<td>Grain: Hardness</td>
<td>Semi hard</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

Wheat Ravi No. 1 has distinguishing characters like green foliage colour, strong flag leaf waxiness of blade, parral sided ear shape in profile, very strong outer glume pubescence, medium lower glume shaller width (spikelets in third of ear), straight lower glume beak shape and medium grain colouration of phenol.

C. Reference varieties:

1. Tawa 267 has distinguishing characters like pale green foliage colour, medium flag leaf waxiness of blade, tapering ear shape in profile, absence of outer glume pubescence, medium lower glume shaller width (spikelets in third of ear), moderately curved lower glume beak shape and very strong grain colouration of phenol.

2. KSML 3 has distinguishing characters like pale green foliage colour, medium flag leaf waxiness of blade, tapering ear shape in profile, absence of outer glume pubescence, narrow
lower glume shaller width (spikelets in third of ear), moderately curved lower glume beak shape and very strong grain colouration of phenol.

D. Date of commercialization of the variety | ---

E. Photographs: (Not provided).